



marshall*webappDocumentation*

Release v3.1.1

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2022

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Astronomical-transient marshalling webapp for curating and managing streams of object observations generated by wide-field surveys.

Documentation for marshall_webapp is hosted by [Read the Docs](#) ([development version](#) and [master version](#)). The code lives on [github](#). Please report any issues you find [here](#).

FEATURES

-

1.1 Installation

The easiest way to install `marshall_webapp` is to use `pip` (here we show the install inside of a conda environment):

```
conda create -n marshall_webapp python=3.7 pip
conda activate marshall_webapp
pip install marshall_webapp
```

Or you can clone the [github repo](#) and install from a local version of the code:

```
git clone git@github.com:thespacedoctor/marshall_webapp.git
cd marshall_webapp
python setup.py install
```

To upgrade to the latest version of `marshall_webapp` use the command:

```
pip install marshall_webapp --upgrade
```

To check installation was successful run `marshall_webapp -v`. This should return the version number of the install.

1.1.1 Development

If you want to tinker with the code, then install in development mode. This means you can modify the code from your cloned repo:

```
git clone git@github.com:thespacedoctor/marshall_webapp.git
cd marshall_webapp
python setup.py develop
```

[Pull requests](#) are welcomed!

1.2 Initialisation

Before using `marshall_webapp` you need to use the `init` command to generate a user settings file. Running the following creates a `yaml` settings file in your home folder under `~/.config/marshall_webapp/marshall_webapp.yaml`:

```
marshall_webapp init
```

The file is initially populated with `marshall_webapp`'s default settings which can be adjusted to your preference.

If at any point the user settings file becomes corrupted or you just want to start afresh, simply trash the `marshall_webapp.yaml` file and rerun `marshall_webapp init`.

1.2.1 Modifying the Settings

Once created, open the settings file in any text editor and make any modifications needed.

1.2.2 Basic Python Setup

If you plan to use `marshall_webapp` in your own scripts you will first need to parse your settings file and set up logging etc. One quick way to do this is to use the `fundamentals` package to give you a logger, a settings dictionary and a database connection (if connection details given in settings file):

```
## SOME BASIC SETUP FOR LOGGING, SETTINGS ETC
from fundamentals import tools
from os.path import expanduser
home = expanduser("~")
settingsFile = home + "/.config/marshall_webapp/marshall_webapp.yaml"
su = tools(
    arguments={"settingsFile": settingsFile},
    docString=__doc__,
)
arguments, settings, log, dbConn = su.setup()
```

1.3 Todo List

Todo:

- add usage info
 - create a sublime snippet for usage
 - add a tutorial about `models_transients_comments_element_post` to documentation
 - create a blog post about what `models_transients_comments_element_post` does
-

(The *original entry* is located in `/home/docs/checkouts/readthedocs.org/user_builds/marshall-webapp/envs/master/lib/python3.8/site-packages/marshall_webapp-3.1.1-py3.8.egg/marshall_webapp/models/transients_comments/element/models_transients_comments_element_post/models_transients_comments_element_post.py` line 16.)

Todo:

- add usage info
 - create a sublime snippet for usage
 - add a tutorial about `models_transients_comments_element_put` to documentation
 - create a blog post about what `models_transients_comments_element_put` does
-

(The *original entry* is located in `/home/docs/checkouts/readthedocs.org/user_builds/marshall-webapp/envs/master/lib/python3.8/site-packages/marshall_webapp-3.1.1-py3.8.egg/marshall_webapp/models/transients_comments/element.py` of `marshall_webapp.models.transients_comments.element.models_transients_comments_element_put.models_transients_comments_element_put` line 16.)

Todo:

- nice!
-

(The *original entry* is located in `/home/docs/checkouts/readthedocs.org/user_builds/marshall-webapp/checkouts/master/docs/source/_template_.md`, line 1.)

1.4 Marshall Webapp Release Notes

best name is selected in both table view and plain-text outputs

json output now reports akas (name and url) for each transient

fixed csv and plain text downloads

allow for debug toolbar over https

v3.1.1 - May 7, 2021

- **ENHANCEMENT:** SSL certificate now installed on the `pessto.org` domain. All traffic is now encrypted and secure. All `http` requests should also be redirected to `https`.
- **FIXED:** classification summary info on each ticket is now the latest and most relevant. At times an older redshift report was being presented.

v3.1.0 - March 17, 2021

- **REFACTOR** search function more forgiving, but also more accurate and MUCH faster
- **REFACTOR** adding new sources via the “create new ticket button” now faster
- **ENHANCEMENT** AT/SN names now set as the ‘master’ or headline name in each transient ticket. All other names and links added to *aka* section.
- **ENHANCEMENT:** added light echo to classification options
- **FIXED:** issue where transient history logs were not getting parsed correctly resulting in ticket not loading in marshall interface
- **FIXED** database connector, needed to create new tickets and add classifications, pings MySQL server and reconnects if connection is broken *before* executing actions. This hopefully fixes the long-standing issues with these 2 features.

v3.0.9 - January 11, 2021

- **FEATURE** documentation for the marshall webapp is on [readthedocs](#). This is mainly for developer reference so far.

- **FIXED** the context visualisation is now displaying correctly to show all sherlock crossmatches (see context tab on transient tickets)

v3.0.8 - December 15, 2020

- **REFACTOR** added ability to set classification priority when moving ticket to classification list
- **FIXED** fixing cache links so images appear and downloads work correctly

v3.0.7 - December 4, 2020

- **REFACTOR** settings files clean up and consolidation
- **FIXED** classification bug squashed

v3.0.6 - December 4, 2020

- **REFACTOR** moved a sherlock book-keeping query from front-end code to database procedure. Should decrease page load times.
- **FIXED** sorting lists on 'latest comment'.

v3.0.5 - December 3, 2020

- **FIXED** date formats, broken aka links, broken stats pages and broken table view

v3.0.4 - December 2, 2020

- **FIXED** comment function (legacy unicode fix)

v3.0.3 - December 2, 2020

- **FIXED** search function

v3.0.2 - November 17, 2020

- **Enhancement** added config files for cluster
- **Enhancement** added ability to connect to a non-standard database port issue

v3.0.1 - July 6, 2020

- **Fixed** unittest database import metadata lock issue
- **Fixed** bug in search resource

v3.0.0 - June 25, 2020

- Now compatible with Python 3.*

API REFERENCE

2.1 Modules

marshall_webapp.models

marshall_webapp.models.members

marshall_webapp.models.stats

marshall_webapp.models.transients

*marshall_webapp.models.transients.
element*

*marshall_webapp.models.
transients_akas*

*marshall_webapp.models.
transients_comments*

*marshall_webapp.models.
transients_comments.element*

*marshall_webapp.models.
transients_context*

*marshall_webapp.models.
transients_context.element*

*marshall_webapp.models.
transients_history*

*marshall_webapp.models.
transients_history.element*

*marshall_webapp.models.
transients_lightcurves*

marshall_webapp.models.transients_obs

*marshall_webapp.models.
transients_obs.element*

marshall_webapp.models.xmatches

*marshall_webapp.models.xmatches.
element*

*marshall_webapp.models.
xmatches_catalogues*

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<code>marshall_webapp.models.xmatches_catalogues.element</code>	
<code>marshall_webapp.models.xmatches_searches</code>	
<code>marshall_webapp.models.xmatches_searches.element</code>	
<code>marshall_webapp.models.xmatches_views</code>	
<code>marshall_webapp.models.xmatches_views.element</code>	
<code>marshall_webapp.services</code>	
<code>marshall_webapp.templates</code>	
<code>marshall_webapp.templates.commonelements</code>	
<code>marshall_webapp.templates.commonelements.filtering</code>	
<code>marshall_webapp.templates.commonelements.forms</code>	
<code>marshall_webapp.templates.commonelements.pagetemplates</code>	<i>The webpage scaffolding for the pessto marshall</i>
<code>marshall_webapp.templates.commonelements.pagination</code>	
<code>marshall_webapp.templates.commonelements.sidebar</code>	
<code>marshall_webapp.templates.commonelements.sorting</code>	
<code>marshall_webapp.templates.commonelements.stats</code>	
<code>marshall_webapp.templates.commonelements.stats.esophaseIII</code>	
<code>marshall_webapp.templates.commonelements.tickets</code>	
<code>marshall_webapp.templates.commonelements.tickets.single_ticket</code>	<i>A ticket for a single PESSTO Object give all info known about it</i>
<code>marshall_webapp.templates.commonelements.tickets.single_ticket.tabs</code>	
<code>marshall_webapp.templates.commonelements.tickets.single_ticket.ticket_building_blocks</code>	
<code>marshall_webapp.templates.commonelements.topnavbar</code>	
<code>marshall_webapp.templates.commonelements.view_switcher_buttons</code>	<i>View switcher buttons for ticket table toolbar</i>
<code>marshall_webapp.templates.responses</code>	
<code>marshall_webapp.views</code>	

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Table 1 – continued from previous page

<code>marshall_webapp.templates. commonelements.commonutils</code>	<i>Common Utilities for the PESSTO Webapp(s)</i>
<code>marshall_webapp.templates. commonelements.filtering. ticket_table_filter_dropdown</code>	<i>The filter dropdown used to filter the tickets displayed in the marshall</i>
<code>marshall_webapp.templates. commonelements.forms. add_new_comment_to_object_form</code>	<i>A form to add a new comment to an object ticket in the PESSTO Marshall</i>
<code>marshall_webapp.templates. commonelements.forms.change_pi_form</code>	<i>Create the change PI form</i>
<code>marshall_webapp.templates. commonelements.forms. classify_object_form</code>	<i>The classify object form for the PESSTO Marshall</i>
<code>marshall_webapp.templates. commonelements.forms. create_new_ticket_form</code>	<i>The create new ticket form for the PESSTO Marshall</i>
<code>marshall_webapp.templates. commonelements.forms.generate_ob_form</code>	<i>The generate object form for the PESSTO Marshall</i>
<code>marshall_webapp.templates. commonelements.pagination. ticket_table_pagination</code>	<i>The pagination for pages displaying a ticket table</i>
<code>marshall_webapp.templates. commonelements.sorting. number_of_objects_dropdown</code>	<i>Dropdown to select the numnber of objects to be displayed on a page</i>
<code>marshall_webapp.templates. commonelements.sorting. ticket_table_sorting_dropdown</code>	<i>The sort dropdown used to sort the tickets displayed in the marshall</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.comments</code>	<i>The comments tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.context</code>	<i>The context tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.development</code>	<i>The development tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.dryx</code>	<i>The dryx tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.history</code>	<i>The history tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.overview</code>	<i>The overview tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.photometry</code>	<i>The photometry tab for the PESSTO Object tickets</i>
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. ticket_building_blocks.actions_block</code>	<i>The actions block for the marshall object tickets</i>

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Table 1 – continued from previous page

<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. classification_block</code>	<i>The classification block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. comments_block</code>	<i>The comments block for the comments tab of the PESSTO Marshall object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. host_info_block</code>	<i>The host info block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. identity_block</code>	<i>The identity block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. latest_magnitudes_block</code>	<i>The latest magnitudes block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. lightcurve_block</code>	<i>The lightcurve block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. master_lightcurve_block</code>	<i>The master lightcurve block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. object_info_block</code>	<i>The Object Info block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. survey_lightcurves_block</code>	<i>The master lightcurve block for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. ticket_footer_bar</code>	<i>The ticket footer bar for the object ticket</i>
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.ticket_building_blocks. ticket_header_bar</code>	<i>The ticket header bar for the object ticket</i>
<code>marshall_webapp.utKit</code>	<i>Unit testing tools</i>
<code>marshall_webapp.views. views_resources_members</code>	
<code>marshall_webapp.views. views_resources_stats</code>	
<code>marshall_webapp.views. views_resources_stats_element</code>	

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Table 1 – continued from previous page

<code>marshall_webapp.views.</code>
<code>views_resources_transients</code>
<code>marshall_webapp.views.</code>
<code>views_resources_transients_akas</code>
<code>marshall_webapp.views.</code>
<code>views_resources_transients_element</code>
<code>marshall_webapp.views.</code>
<code>views_resources_transients_element_akas</code>
<code>marshall_webapp.views.</code>
<code>views_services_calendars</code>
<code>marshall_webapp.views.</code>
<code>views_services_refresh_sidebar_list_counts</code>
<code>marshall_webapp.views.</code>
<code>views_transients_comments</code>
<code>marshall_webapp.views.</code>
<code>views_transients_context</code>
<code>marshall_webapp.views.</code>
<code>views_transients_history</code>
<code>marshall_webapp.views.</code>
<code>views_transients_lightcurves</code>
<code>marshall_webapp.views.</code>
<code>views_transients_obs</code>
<code>marshall_webapp.views.views_xmatches</code>
<code>marshall_webapp.views.</code>
<code>views_xmatches_catalogues</code>
<code>marshall_webapp.views.</code>
<code>views_xmatches_searches</code>
<code>marshall_webapp.views.</code>
<code>views_xmatches_views</code>

2.1.1 models (module)

2.1.2 members (module)

Classes

<code>models_members_get(log, request[, ...])</code>	The worker class for the models_members_get module
--	--

2.1.3 stats (module)

Classes

<code>models_stats_get(log, request[, elementId, ...])</code>	The worker class for the models_stats_get module
---	--

2.1.4 transients (module)

Classes

<code>models_transients_count(log, request[, ...])</code>	The worker class for the <code>models_transients_count</code> module
<code>models_transients_get(log, request[, ...])</code>	The worker class for the <code>models_transients_get</code> module
<code>models_transients_post(log, request[, elementId])</code>	The worker class for the <code>models_transients_post</code> module

2.1.5 element (module)

Classes

<code>models_transients_element_post(log, request)</code>	The worker class for the <code>models_transients_element_post</code> module
<code>models_transients_element_put(log, request)</code>	The worker class for the <code>models_transients_element_put</code> module

2.1.6 transients_akas (module)

Classes

<code>models_transients_akas_get(log, request[, ...])</code>	<i>The worker class for the <code>models_transients_akas_get</code> module</i>
--	--

2.1.7 transients_comments (module)

Classes

<code>models_transients_comments_count(log, request)</code>	The worker class for the <code>models_transients_comments_count</code> module
<code>models_transients_comments_get(log, request)</code>	The worker class for the <code>models_transients_comments_get</code> module

2.1.8 element (module)

Classes

<code>models_transients_element_comments_delete(...)</code>	The worker class for the models_transients_element_comments_delete module
<code>models_transients_element_comments_get(...)</code>	The worker class for the models_transients_element_comments_get module
<code>models_transients_element_comments_post(...)</code>	The worker class for the models_transients_element_comments_post module
<code>models_transients_element_comments_put(...)</code>	The worker class for the models_transients_element_comments_put module

2.1.9 transients_context (module)

Classes

<code>models_transients_context_count(log, request)</code>	The worker class for the models_transients_context_count module
<code>models_transients_context_get(log, request)</code>	The worker class for the models_transients_context_get module

2.1.10 element (module)

Classes

<code>models_transients_element_context_delete(...)</code>	The worker class for the models_transients_element_context_delete module
<code>models_transients_element_context_get(...)</code>	The worker class for the models_transients_element_context_get module
<code>models_transients_element_context_post(...)</code>	The worker class for the models_transients_element_context_post module
<code>models_transients_element_context_put(...)</code>	The worker class for the models_transients_element_context_put module

2.1.11 transients_history (module)

2.1.12 element (module)

Classes

<code>models_transients_element_history_delete(...)</code>	The worker class for the models_transients_element_history_delete module
<code>models_transients_element_history_get(...)</code>	The worker class for the models_transients_element_history_get module

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<code>models_transients_element_history_post(log, request, ...)</code>	The worker class for the models_transients_element_history_post module
<code>models_transients_element_history_put(log, request, ...)</code>	The worker class for the models_transients_element_history_put module

2.1.13 transients_lightcurves (module)

Classes

<code>models_transients_lightcurves_count(log, request)</code>	The worker class for the models_transients_lightcurves_count module
<code>models_transients_lightcurves_get(log, request)</code>	The worker class for the models_transients_lightcurves_get module
<code>models_transients_lightcurves_post(log, request)</code>	The worker class for the models_transients_lightcurves_post module
<code>models_transients_lightcurves_put(log, request)</code>	The worker class for the models_transients_lightcurves_put module

2.1.14 transients_obs (module)

Classes

<code>models_transients_obs_get(log, request[, ...])</code>	The worker class for the models_transients_obs_get module
---	---

2.1.15 element (module)

Classes

<code>models_transients_element_obs_get(log, request)</code>	The worker class for the models_transients_element_obs_get module
--	---

2.1.16 xmatches (module)

Classes

<code>models_xmatches_get(log, request[, ...])</code>	The worker class for the models_xmatches_get module
---	---

2.1.17 element (*module*)

Classes

<code>models_xmatches_element_delete(log, request)</code>	The worker class for the <code>models_xmatches_element_delete</code> module
<code>models_xmatches_element_get(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_get</code> module
<code>models_xmatches_element_post(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_post</code> module
<code>models_xmatches_element_put(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_put</code> module

2.1.18 xmatches_catalogues (*module*)

Classes

<code>models_xmatches_catalogues_get(log, request)</code>	The worker class for the <code>models_xmatches_catalogues_get</code> module
---	---

2.1.19 element (*module*)

Classes

<code>models_xmatches_element_catalogues_delete(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_delete</code> module
<code>models_xmatches_element_catalogues_get(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_get</code> module
<code>models_xmatches_element_catalogues_post(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_post</code> module
<code>models_xmatches_element_catalogues_put(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_put</code> module

2.1.20 xmatches_searches (*module*)

Classes

<code>models_xmatches_searches_get(log, request[, ...])</code>	The worker class for the <code>models_xmatches_searches_get</code> module
--	---

2.1.21 element (*module*)

Classes

<code>models_xmatches_element_searches_delete(log, ...)</code>	The worker class for the models_xmatches_element_searches_delete module
<code>models_xmatches_element_searches_get(log, ...)</code>	The worker class for the models_xmatches_element_searches_get module
<code>models_xmatches_element_searches_post(log, ...)</code>	The worker class for the models_xmatches_element_searches_post module
<code>models_xmatches_element_searches_put(log, ...)</code>	The worker class for the models_xmatches_element_searches_put module

2.1.22 xmatches_views (*module*)

Classes

<code>models_xmatches_views_get(log, request[...])</code>	The worker class for the models_xmatches_views_get module
---	---

2.1.23 element (*module*)

Classes

<code>models_xmatches_element_views_delete(log, ...)</code>	The worker class for the models_xmatches_element_views_delete module
<code>models_xmatches_element_views_get(log, request)</code>	The worker class for the models_xmatches_element_views_get module
<code>models_xmatches_element_views_post(log, request)</code>	The worker class for the models_xmatches_element_views_post module
<code>models_xmatches_element_views_put(log, request)</code>	The worker class for the models_xmatches_element_views_put module

2.1.24 services (*module*)

Classes

<code>services_refresh_sidebar_list_counts(log, ...)</code>	The worker class for the services_refresh_sidebar_list_counts module
---	--

2.1.25 templates (module)

2.1.26 commonelements (module)

2.1.27 filtering (module)

2.1.28 forms (module)

2.1.29 pagetemplates (module)

The webpage scaffolding for the pessto marshall

Author David Young

Functions

<code>defaultpagetemplate(log, request[, bodyId,</code>	Generate the webpage to be displayed
<code>...])</code>	

2.1.30 pagination (module)

2.1.31 sidebar (module)

Functions

<code>marshall_sidebar(log, request, thisPageName)</code>	Get the left navigation bar for the pessto marshall
<code>stats_sidebar(log, request, thisPageName)</code>	Get the left navigation bar for the pessto marshall
<code>xmatches_sidebar(log, request, thisPageName)</code>	Get the left navigation bar for the pessto marshall

2.1.32 sorting (module)

2.1.33 stats (module)

2.1.34 esophaseIII (module)

Functions

<code>plot_wells(log, request, releaseVersion)</code>	The sofi/efosc imaging/spectra plot well for the stats page of the marshall
<code>ssdr_stats_table(log, request, releaseVersion)</code>	ssdr stats table

2.1.35 tickets (*module*)

2.1.36 single_ticket (*module*)

A ticket for a single PESSTO Object give all info known about it

Author David Young

Functions

<code>single_ticket(log, request, ...)</code>	A single ticket for a transient object tin the pessto marshall
---	--

2.1.37 tabs (*module*)

2.1.38 ticket_building_blocks (*module*)

2.1.39 topnavbar (*module*)

Functions

<code>topnavbar(log, request)</code>	Get a top navigation bar for the pessto marshall.
--------------------------------------	---

2.1.40 view_switcher_buttons (*module*)

View switcher buttons for ticket table toolbar

Author David Young

Functions

<code>hundred_mpc_filter_button(log, params, ...)</code>	The button to filter transients to only those thought to be within 100Mpc
<code>ntt_view_button(log, params, elementId, request)</code>	Key Arguments
<code>view_switcher_buttons(log, params, request)</code>	Key Arguments

2.1.41 responses (*module*)

Classes

<code>templates_resource_members(log, request[, ...])</code>	The worker class for the templates_resource_members module
<code>templates_resource_stats(log, request[, ...])</code>	The worker class for the templates_resource_stats module

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<code>templates_resources_transients(log, request)</code>		The worker class for the templates_resources_transients module
<code>templates_services_calendars(log, request)</code>		The worker class for the templates_services_calendars module
<code>templates_transients_comments(log, request)</code>	re-	The worker class for the templates_transients_comments module
<code>templates_transients_context(log, request[, ...])</code>	re-	The worker class for the templates_transients_context module
<code>templates_transients_history(log, request[, ...])</code>	re-	The worker class for the templates_transients_history module
<code>templates_transients_lightcurves(log, request)</code>		The worker class for the templates_transients_lightcurves module
<code>templates_transients_obs(log, request[, ...])</code>		The worker class for the templates_transients_obs module
<code>templates_xmatches(log, request[, ...])</code>		The worker class for the templates_xmatches module
<code>templates_xmatches_catalogues(log, request)</code>	re-	The worker class for the templates_xmatches_catalogues module
<code>templates_xmatches_searches(log, request[, ...])</code>		The worker class for the templates_xmatches_searches module
<code>templates_xmatches_views(log, request[, ...])</code>		The worker class for the templates_xmatches_views module

2.1.42 views (module)

2.1.43 commonutils (module)

Common Utilities for the PESSTO Webapp(s)

Author David Young

Functions

<code>block_title(log, title[, align])</code>	block title
<code>little_label([text, pull, lineBreak])</code>	little labels for the pessto marshall tickets

2.1.44 ticket_table_filter_dropdown (module)

The filter dropdown used to filter the tickets displayed in the marshall

Author David Young

Functions

ticket_table_filter_dropdown(log, request, ...)	re-	ticket table filter dropdown
---	-----	------------------------------

2.1.45 add_new_comment_to_object_form (*module*)

A form to add a new comment to an object ticket in the PESSTO Marshall

Author David Young

Functions

add_new_comment_to_object_form(log, request, ...)	Key Arguments
---	----------------------

2.1.46 change_pi_form (*module*)

Create the change PI form

Author David Young

Functions

change_pi_form(log, request, ...)	Key Arguments
-----------------------------------	----------------------

2.1.47 classify_object_form (*module*)

The classify object form for the PESSTO Marshall

Author David Young

Classes

date	date(year, month, day) -> date object
datetime(year, month, day[, hour[, minute[, ...]])	The year, month and day arguments are required.
time	time([hour[, minute[, second[, microsecond[, tzinfo]]]]) -> a time object

Functions

<code>classify_object_form(log, request, ...)</code>	classify object form
--	----------------------

2.1.48 create_new_ticket_form (module)

The create new ticket form for the PESSTO Marshall

Author David Young

Functions

<code>create_new_ticket_form(log, request)</code>	Key Arguments
---	----------------------

2.1.49 generate_ob_form (module)

The generate object form for the PESSTO Marshall

Author David Young

Classes

<code>date</code>	<code>date(year, month, day) -> date object</code>
<code>datetime(year, month, day[, hour[, minute[, ...]]]</code>	The year, month and day arguments are required.
<code>str([object])</code>	<code>str(bytes_or_buffer[, encoding[, errors]]) -> str</code>
<code>time</code>	<code>time([hour[, minute[, second[, microsecond[, tz- info]]]]) -> a time object</code>

Functions

<code>generate_ob_form(log, request, ...)</code>	generate object form
<code>lcb(log, request, discoveryDataDictionary, ...)</code>	get ticket lightcurve block

2.1.50 ticket_table_pagination (module)

The pagintation for pages displaying a ticket table

Author David Young

Classes

<code>range(stop)</code>	<code>range(start, stop[, step])</code> -> range object
--------------------------	---

Functions

<code>old_div(a, b)</code>	Equivalent to <code>a / b</code> on Python 2 without <code>from __future__ import division</code> .
<code>ticket_table_pagination(log, totalTickets, ...)</code>	Key Arguments

2.1.51 number_of_objects_dropdown (module)

Dropdown to select the numnber of objects to be displayed on a page

Author David Young

Functions

<code>number_of_objects_dropdown(log, request, ...)</code>	Key Arguments
--	----------------------

2.1.52 ticket_table_sorting_dropdown (module)

The sort dropdown used to sort the tickets displayed in the marshall

Author David Young

Functions

<code>ticket_table_sorting_dropdown(log, request, ...)</code>	Key Arguments
---	----------------------

2.1.53 comments (module)

The comments tab for the PESSTO Object tickets

Author David Young

Functions

<code>comments_tab(log, request, ...)</code>	comments tab
--	--------------

2.1.54 context (module)

The context tab for the PESSTO Object tickets

Author David Young

Functions

<code>context_footer_bar(log, request)</code>	get ticket footer bar
<code>context_tab(log, request, ...)</code>	context tab

2.1.55 development (module)

The development tab for the PESSTO Object tickets

Author David Young

Functions

<code>development_tab(log, request, ...)</code>	development tab
<code>transient_d3_lightcurve(log, ...)</code>	transient d3 lightcurve

2.1.56 dryx (module)

The dryx tab for the PESSTO Object tickets

Author David Young

Functions

<code>dryx_tab(log, request, ...)</code>	dryx tab
--	----------

2.1.57 history (module)

The history tab for the PESSTO Object tickets

Author David Young

Functions

<code>history_tab(log, request, ...)</code>	history tab
---	-------------

2.1.58 overview (module)

The overview tab for the PESSTO Object tickets

Author David Young

Functions

<code>overview_tab(log, request, ..., ...)</code>	overview tab
---	--------------

2.1.59 photometry (module)

The photometry tab for the PESSTO Object tickets

Author David Young

Functions

<code>photometry_footer_bar(log, request, ...)</code>	get ticket footer bar
<code>photometry_tab(log, request, ...)</code>	photometry tab

2.1.60 actions_block (module)

The actions block for the marshall object tickets

Author David Young

Classes

<code>date</code>	<code>date(year, month, day) -> date object</code>
<code>datetime(year, month, day[, hour[, minute[, ...]</code>	The year, month and day arguments are required.
<code>time</code>	<code>time([hour[, minute[, second[, microsecond[, tz- info]]]]) -> a time object</code>

Functions

actions_block(log, request, ...)	get ticket action block
----------------------------------	-------------------------

2.1.61 classification_block (module)

The classification block for the object ticket

Author David Young

Functions

classification_block(log, request, ...)	get ticket classification block
---	---------------------------------

2.1.62 comments_block (module)

The comments block for the comments tab of the PESSTO Marshall object ticket

Author David Young

Functions

comments_block(log, request, ...)	Key Arguments
-----------------------------------	----------------------

2.1.63 host_info_block (module)

The host info block for the object ticket

Author David Young

Functions

host_info_block(log, request, ...)	get ticket host info block
------------------------------------	----------------------------

2.1.64 identity_block (module)

The identity block for the object ticket

Author David Young

Functions

<code>identity_block(log, request, ...)</code>	<i>get ticket identity block</i>
--	----------------------------------

2.1.65 latest_magnitudes_block (module)

The latest magnitudes block for the object ticket

Author David Young

Functions

<code>latest_magnitudes_block(log, request, ..., get ticket lightcurve block ...)</code>
--

2.1.66 lightcurve_block (module)

The lightcurve block for the object ticket

Author David Young

Functions

<code>lightcurve_block(log, request, ..., ...)</code>	<i>get ticket lightcurve block</i>
---	------------------------------------

2.1.67 master_lightcurve_block (module)

The master lightcurve block for the object ticket

Author David Young

Functions

<code>master_lightcurve_block(log, request, ..., get ticket lightcurve block ...)</code>
--

2.1.68 object_info_block (module)

The Object Info block for the object ticket

Author David Young

Functions

object_info_block(log, request, ...)	get ticket object info block
--------------------------------------	------------------------------

2.1.69 survey_lightcurves_block (module)

The master lightcurve block for the object ticket

Author David Young

Functions

survey_lightcurves_block(log, request, ...)	get ticket lightcurve block
---	-----------------------------

2.1.70 ticket_footer_bar (module)

The ticket footer bar for the object ticket

Author David Young

Functions

ticket_footer_bar(log, request, ...)	get ticket footer bar
--------------------------------------	-----------------------

2.1.71 ticket_header_bar (module)

The ticket header bar for the object ticket

Author David Young

Functions

ticket_header_bar(log, request, ...)	get ticket header bar
--------------------------------------	-----------------------

2.1.72 utKit (module)

Unit testing tools

Classes

utKit(moduleDirectory[, dbConn])	Override dryx utKit
----------------------------------	---------------------

2.1.73 views_resources_members (module)

Classes

Response([body, status, headerlist, ...])	
base_view(request)	The base view that can be used for any API resource
lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
models_members_get(log, request[, ...])	The worker class for the models_members_get module
object()	The base class of the class hierarchy.
templates_resource_members(log, request[, ...])	The worker class for the templates_resource_members module
view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
views_resources_members(request)	

Functions

view_defaults(**settings)	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
---------------------------	---

2.1.74 views_resources_stats (module)

Classes

Response([body, status, headerlist, ...])	
base_view(request)	The base view that can be used for any API resource
lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
models_stats_get(log, request[, elementId, ...])	The worker class for the models_stats_get module

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<code>object()</code>	The base class of the class hierarchy.
<code>templates_resource_stats(log, request[, ...])</code>	The worker class for the <code>templates_resource_stats</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_resources_stats(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.75 views_resources_stats_element (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_element_view(request)</code>	
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_stats_get(log, request[, elementId, ...])</code>	<i>The worker class for the <code>models_stats_get</code> module</i>
<code>object()</code>	The base class of the class hierarchy.
<code>templates_resource_stats(log, request[, ...])</code>	The worker class for the <code>templates_resource_stats</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_resources_stats_element(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.76 views_resources_transients (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_transients_element_post(log, request)</code>	The worker class for the models_transients_element_post module
<code>models_transients_element_put(log, request)</code>	The worker class for the models_transients_element_put module
<code>models_transients_get(log, request[, ...])</code>	The worker class for the models_transients_get module
<code>models_transients_post(log, request[, elementId])</code>	The worker class for the models_transients_post module
<code>object()</code>	The base class of the class hierarchy.
<code>templates_resources_transients(log, request)</code>	The worker class for the templates_resources_transients module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
<code>views_resources_transients(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.77 views_resources_transients_akas (module)

Classes

Response([body, status, headerlist, ...])	
base_view(request)	<i>The base view that can be used for any API resource</i>
lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
models_transients_akas_get(log, request[, ...])	<i>The worker class for the models_transients_akas_get module</i>
object()	The base class of the class hierarchy.
view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
views_resources_transients_akas(request)	

Functions

view_defaults(**settings)	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
---------------------------	---

2.1.78 views_resources_transients_element (module)

Classes

Response([body, status, headerlist, ...])	
base_element_view(request)	
lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
models_transients_element_post(log, request)	The worker class for the models_transients_element_post module
models_transients_element_put(log, request)	The worker class for the models_transients_element_put module
object()	The base class of the class hierarchy.
templates_resources_transients(log, request)	The worker class for the templates_resources_transients module
view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.

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views_resources_transients_element(request)

Functions

view_defaults(**settings)	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
---------------------------	---

2.1.79 views_resources_transients_element_akas (module)

Classes

Response([body, status, headerlist, ...])	
---	--

base_element_view(request)	
----------------------------	--

lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
--------------------	--

models_transients_akas_get(log, request, ...)	<i>The worker class for the models_transients_akas_get module</i>
---	---

object()	The base class of the class hierarchy.
----------	--

transients_element_view(request)	
----------------------------------	--

view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
-------------------------	--

Functions

view_defaults(**settings)	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
---------------------------	---

2.1.80 views_services_calendars (module)

Classes

Response([body, status, headerlist, ...])	
---	--

base_view(request)	<i>The base view that can be used for any API resource</i>
--------------------	--

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Table 79 – continued from previous page

<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>object()</code>	The base class of the class hierarchy.
<code>str([object])</code>	<code>str(bytes_or_buffer[, encoding[, errors]]) -> str</code>
<code>templates_services_calendars(log, request)</code>	The worker class for the <code>templates_services_calendars</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_services_calendars(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.81 `views_services_refresh_sidebar_list_counts` (*module*)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>object()</code>	The base class of the class hierarchy.
<code>services_refresh_sidebar_list_counts(log, request, ...)</code>	The worker class for the <code>services_refresh_sidebar_list_counts</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_services_refresh_sidebar_list_counts(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.82 views_transients_comments (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_transients_comments_get(log, request)</code>	The worker class for the models_transients_comments_get module
<code>models_transients_element_comments_delete(log, ...)</code>	The worker class for the models_transients_element_comments_delete module
<code>models_transients_element_comments_post(log, ...)</code>	The worker class for the models_transients_element_comments_post module
<code>models_transients_element_comments_put(log, ...)</code>	The worker class for the models_transients_element_comments_put module
<code>object()</code>	The base class of the class hierarchy.
<code>templates_transients_comments(log, request)</code>	The worker class for the templates_transients_comments module
<code>transients_element_comments_view(request)</code>	
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
<code>views_transients_comments(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.83 views_transients_context (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_transients_element_context_delete(log, request, ...)</code>	The worker class for the models_transients_element_context_delete module
<code>models_transients_element_context_post(log, request, ...)</code>	The worker class for the models_transients_element_context_post module
<code>models_transients_element_context_put(log, request, ...)</code>	The worker class for the models_transients_element_context_put module
<code>object()</code>	The base class of the class hierarchy.
<code>templates_transients_context(log, request, ...)</code>	The worker class for the templates_transients_context module
<code>transients_element_context_view(request)</code>	
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view</code> callable definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_transients_context(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.84 views_transients_history (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_transients_element_history_delete(log, request, ...)</code>	The worker class for the models_transients_element_history_delete module
<code>models_transients_element_history_post(log, request, ...)</code>	The worker class for the models_transients_element_history_post module

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models_transients_element_history_put(log, ...)	The worker class for the models_transients_element_history_put module
object()	The base class of the class hierarchy.
templates_transients_history(log, request, ...)	The worker class for the templates_transients_history module
view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.
views_transients_history(request)	

Functions

view_defaults(**settings)	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
---------------------------	---

2.1.85 views_transients_lightcurves (module)

Classes

Response([body, status, headerlist, ...])	
base_view(request)	<i>The base view that can be used for any API resource</i>
lift([categories])	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
models_transients_lightcurves_post(log, request)	The worker class for the models_transients_lightcurves_post module
models_transients_lightcurves_put(log, request)	The worker class for the models_transients_lightcurves_put module
object()	The base class of the class hierarchy.
templates_transients_lightcurves(log, request)	The worker class for the templates_transients_lightcurves module
<i>transients_elements_lightcurve_view(request)</i>	
view_config(**settings)	A function, class or method decorator which allows a developer to create view registrations nearer to a :term:view callable definition than use :term:imperative configuration to do the same.

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.86 views_transients_obs (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_transients_element_obs_get(log, request)</code>	The worker class for the <code>models_transients_element_obs_get</code> module
<code>object()</code>	The base class of the class hierarchy.
<code>str([object])</code>	<code>str(bytes_or_buffer[, encoding[, errors]]) -> str</code>
<code>templates_transients_obs(log, request[, ...])</code>	The worker class for the <code>templates_transients_obs</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable definition</code> than use <code>:term:imperative configuration</code> to do the same.
<code>views_transients_obs(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.87 views_xmatches (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_xmatches_element_delete(log, request)</code>	The worker class for the <code>models_xmatches_element_delete</code> module

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<code>models_xmatches_element_post(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_post</code> module
<code>models_xmatches_element_put(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_put</code> module
<code>object()</code>	The base class of the class hierarchy.
<code>templates_xmatches(log, request[, ...])</code>	The worker class for the <code>templates_xmatches</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_xmatches(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.88 views_xmatches_catalogues (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_xmatches_element_catalogues_delete(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_delete</code> module
<code>models_xmatches_element_catalogues_get(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_get</code> module
<code>models_xmatches_element_catalogues_post(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_post</code> module
<code>models_xmatches_element_catalogues_put(log, request[, ...])</code>	The worker class for the <code>models_xmatches_element_catalogues_put</code> module
<code>object()</code>	The base class of the class hierarchy.
<code>str([object])</code>	<code>str(bytes_or_buffer[, encoding[, errors]]) -> str</code>
<code>templates_xmatches_catalogues(log, request)</code>	The worker class for the <code>templates_xmatches_catalogues</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_xmatches_catalogues(request)</code>	

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xmatches_element_catalogues_view(request)**Functions***view_defaults*(**settings)

A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.

2.1.89 views_xmatches_searches (module)**Classes***Response*([body, status, headerlist, ...])*base_view*(request)*The base view that can be used for any API resource**lift*([categories])

A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.

models_xmatches_element_searches_delete(log, ...)

The worker class for the *models_xmatches_element_searches_delete* module

models_xmatches_element_searches_get(log, ...)

The worker class for the *models_xmatches_element_searches_get* module

models_xmatches_element_searches_post(log, ...)

The worker class for the *models_xmatches_element_searches_post* module

models_xmatches_element_searches_put(log, ...)

The worker class for the *models_xmatches_element_searches_put* module

object()

The base class of the class hierarchy.

str([object])

str(bytes_or_buffer[, encoding[, errors]]) -> str

templates_xmatches_searches(log, request, ...)

The worker class for the *templates_xmatches_searches* module

view_config(**settings)

A function, class or method decorator which allows a developer to create view registrations nearer to a `:term:view callable definition` than use `:term:imperative configuration` to do the same.

views_xmatches_searches(request)*xmatches_element_searches_view*(request)

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.1.90 views_xmatches_views (module)

Classes

<code>Response([body, status, headerlist, ...])</code>	
<code>base_view(request)</code>	<i>The base view that can be used for any API resource</i>
<code>lift([categories])</code>	A class decorator which ‘lifts’ superclass venusian configuration decorations into subclasses.
<code>models_xmatches_element_views_delete(log, ...)</code>	The worker class for the <code>models_xmatches_element_views_delete</code> module
<code>models_xmatches_element_views_get(log, request)</code>	The worker class for the <code>models_xmatches_element_views_get</code> module
<code>models_xmatches_element_views_post(log, request)</code>	The worker class for the <code>models_xmatches_element_views_post</code> module
<code>models_xmatches_element_views_put(log, request)</code>	The worker class for the <code>models_xmatches_element_views_put</code> module
<code>object()</code>	The base class of the class hierarchy.
<code>str([object])</code>	<code>str(bytes_or_buffer[, encoding[, errors]]) -> str</code>
<code>templates_xmatches_views(log, request[, ...])</code>	The worker class for the <code>templates_xmatches_views</code> module
<code>view_config(**settings)</code>	A function, class or method decorator which allows a developer to create view registrations nearer to a <code>:term:view callable</code> definition than use <code>:term:imperative</code> configuration to do the same.
<code>views_xmatches_views(request)</code>	
<code>xmatches_element_views_view(request)</code>	

Functions

<code>view_defaults(**settings)</code>	A class decorator which, when applied to a class, will provide defaults for all view configurations that use the class.
--	---

2.2 Classes

<code>marshall_webapp.models.members. models_members_get</code>	The worker class for the <code>models_members_get</code> module
<code>marshall_webapp.models.stats. models_stats_get</code>	<i>The worker class for the <code>models_stats_get</code> module</i>
<code>marshall_webapp.models. transients.element. models_transients_element_post</code>	The worker class for the <code>models_transients_element_post</code> module
<code>marshall_webapp.models.transients. element.models_transients_element_put</code>	The worker class for the <code>models_transients_element_put</code> module
<code>marshall_webapp.models.transients. models_transients_count</code>	The worker class for the <code>models_transients_count</code> module
<code>marshall_webapp.models.transients. models_transients_get</code>	The worker class for the <code>models_transients_get</code> module
<code>marshall_webapp.models.transients. models_transients_post</code>	The worker class for the <code>models_transients_post</code> module
<code>marshall_webapp.models. transients_akas. models_transients_akas_get</code>	<i>The worker class for the <code>models_transients_akas_get</code> module</i>
<code>marshall_webapp.models. transients_comments.element. models_transients_element_comments_delete</code>	The worker class for the <code>models_transients_element_comments_delete</code> module
<code>marshall_webapp.models. transients_comments.element. models_transients_element_comments_get</code>	The worker class for the <code>models_transients_element_comments_get</code> module
<code>marshall_webapp.models. transients_comments.element. models_transients_element_comments_post</code>	The worker class for the <code>models_transients_element_comments_post</code> module
<code>marshall_webapp.models. transients_comments.element. models_transients_element_comments_put</code>	The worker class for the <code>models_transients_element_comments_put</code> module
<code>marshall_webapp.models. transients_comments. models_transients_comments_count</code>	The worker class for the <code>models_transients_comments_count</code> module
<code>marshall_webapp.models. transients_comments. models_transients_comments_get</code>	The worker class for the <code>models_transients_comments_get</code> module
<code>marshall_webapp.models. transients_context.element. models_transients_element_context_delete</code>	The worker class for the <code>models_transients_element_context_delete</code> module
<code>marshall_webapp.models. transients_context.element. models_transients_element_context_get</code>	The worker class for the <code>models_transients_element_context_get</code> module
<code>marshall_webapp.models. transients_context.element. models_transients_element_context_post</code>	The worker class for the <code>models_transients_element_context_post</code> module
<code>marshall_webapp.models. transients_context.element. models_transients_element_context_put</code>	The worker class for the <code>models_transients_element_context_put</code> module

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Table 101 – continued from previous page

<code>marshall_webapp.models.transients_context.models_transients_context_count</code>	The worker class for the models_transients_context_count module
<code>marshall_webapp.models.transients_context.models_transients_context_get</code>	The worker class for the models_transients_context_get module
<code>marshall_webapp.models.transients_history.element.models_transients_element_history_delete</code>	The worker class for the models_transients_element_history_delete module
<code>marshall_webapp.models.transients_history.element.models_transients_element_history_get</code>	The worker class for the models_transients_element_history_get module
<code>marshall_webapp.models.transients_history.element.models_transients_element_history_post</code>	The worker class for the models_transients_element_history_post module
<code>marshall_webapp.models.transients_history.element.models_transients_element_history_put</code>	The worker class for the models_transients_element_history_put module
<code>marshall_webapp.models.transients_lightcurves.models_transients_lightcurves_count</code>	The worker class for the models_transients_lightcurves_count module
<code>marshall_webapp.models.transients_lightcurves.models_transients_lightcurves_get</code>	The worker class for the models_transients_lightcurves_get module
<code>marshall_webapp.models.transients_lightcurves.models_transients_lightcurves_post</code>	The worker class for the models_transients_lightcurves_post module
<code>marshall_webapp.models.transients_lightcurves.models_transients_lightcurves_put</code>	The worker class for the models_transients_lightcurves_put module
<code>marshall_webapp.models.transients_obs.element.models_transients_element_obs_get</code>	The worker class for the models_transients_element_obs_get module
<code>marshall_webapp.models.transients_obs.models_transients_obs_get</code>	The worker class for the models_transients_obs_get module
<code>marshall_webapp.models.xmatches.element.models_xmatches_element_delete</code>	The worker class for the models_xmatches_element_delete module
<code>marshall_webapp.models.xmatches.element.models_xmatches_element_get</code>	The worker class for the models_xmatches_element_get module
<code>marshall_webapp.models.xmatches.element.models_xmatches_element_post</code>	The worker class for the models_xmatches_element_post module
<code>marshall_webapp.models.xmatches.element.models_xmatches_element_put</code>	The worker class for the models_xmatches_element_put module
<code>marshall_webapp.models.xmatches.models_xmatches_get</code>	The worker class for the models_xmatches_get module
<code>marshall_webapp.models.xmatches_catalogues.element.models_xmatches_element_catalogues_delete</code>	The worker class for the models_xmatches_element_catalogues_delete module

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Table 101 – continued from previous page

<code>marshall_webapp.models.xmatches_catalogues.element.models_xmatches_element_catalogues_get</code>	The worker class for the models_xmatches_element_catalogues_get module
<code>marshall_webapp.models.xmatches_catalogues.element.models_xmatches_element_catalogues_post</code>	The worker class for the models_xmatches_element_catalogues_post module
<code>marshall_webapp.models.xmatches_catalogues.element.models_xmatches_element_catalogues_put</code>	The worker class for the models_xmatches_element_catalogues_put module
<code>marshall_webapp.models.xmatches_catalogues.models_xmatches_catalogues_get</code>	The worker class for the models_xmatches_catalogues_get module
<code>marshall_webapp.models.xmatches_searches.element.models_xmatches_element_searches_delete</code>	The worker class for the models_xmatches_element_searches_delete module
<code>marshall_webapp.models.xmatches_searches.element.models_xmatches_element_searches_get</code>	The worker class for the models_xmatches_element_searches_get module
<code>marshall_webapp.models.xmatches_searches.element.models_xmatches_element_searches_post</code>	The worker class for the models_xmatches_element_searches_post module
<code>marshall_webapp.models.xmatches_searches.element.models_xmatches_element_searches_put</code>	The worker class for the models_xmatches_element_searches_put module
<code>marshall_webapp.models.xmatches_searches.models_xmatches_searches_get</code>	The worker class for the models_xmatches_searches_get module
<code>marshall_webapp.models.xmatches_views.element.models_xmatches_element_views_delete</code>	The worker class for the models_xmatches_element_views_delete module
<code>marshall_webapp.models.xmatches_views.element.models_xmatches_element_views_get</code>	The worker class for the models_xmatches_element_views_get module
<code>marshall_webapp.models.xmatches_views.element.models_xmatches_element_views_post</code>	The worker class for the models_xmatches_element_views_post module
<code>marshall_webapp.models.xmatches_views.element.models_xmatches_element_views_put</code>	The worker class for the models_xmatches_element_views_put module
<code>marshall_webapp.models.xmatches_views.models_xmatches_views_get</code>	The worker class for the models_xmatches_views_get module
<code>marshall_webapp.services.services_refresh_sidebar_list_counts</code>	The worker class for the services_refresh_sidebar_list_counts module
<code>marshall_webapp.templates.responses.templates_resource_members</code>	The worker class for the templates_resource_members module
<code>marshall_webapp.templates.responses.templates_resource_stats</code>	The worker class for the templates_resource_stats module
<code>marshall_webapp.templates.responses.templates_resources_transients</code>	The worker class for the templates_resources_transients module

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<code>marshall_webapp.templates.responses. templates_services_calendars</code>	The worker class for the templates_services_calendars module
<code>marshall_webapp.templates.responses. templates_transients_comments</code>	The worker class for the templates_transients_comments module
<code>marshall_webapp.templates.responses. templates_transients_context</code>	The worker class for the templates_transients_context module
<code>marshall_webapp.templates.responses. templates_transients_history</code>	The worker class for the templates_transients_history module
<code>marshall_webapp.templates.responses. templates_transients_lightcurves</code>	The worker class for the templates_transients_lightcurves module
<code>marshall_webapp.templates.responses. templates_transients_obs</code>	The worker class for the templates_transients_obs module
<code>marshall_webapp.templates.responses. templates_xmatches</code>	The worker class for the templates_xmatches module
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<code>marshall_webapp.templates.responses. templates_xmatches_searches</code>	The worker class for the templates_xmatches_searches module
<code>marshall_webapp.templates.responses. templates_xmatches_views</code>	The worker class for the templates_xmatches_views module
<code>marshall_webapp.views. views_resources_transients_element_akas. transients_element_view</code>	
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<code>marshall_webapp.views. views_xmatches_catalogues. xmatches_element_catalogues_view</code>	
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<code>marshall_webapp.views. views_xmatches_views. xmatches_element_views_view</code>	

2.2.1 models_members_get (class)

class models_members_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_members_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>get()</code>	execute the <code>get</code> method on the <code>models_members_get</code> object
--------------------	---

get ()

execute the `get` method on the `models_members_get` object

Return

- `responseContent` – the reponse to send to the browser

2.2.2 models_stats_get (class)

class models_stats_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_stats_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Usage

usage code

```
.. todo::
```

- add usage info
- create a sublime snippet for usage
- add a tutorial about ``models_stats_get`` to documentation
- create a blog post about what ``models_stats_get`` does

Methods

close()

get()	<i>execute the get method on the models_stats_get object</i>
-------	--

get ()
execute the get method on the models_stats_get object

Return

- responseContent – the reponse to send to the browser

2.2.3 models_transients_element_post (class)

class models_transients_element_post (*log, request*)

Bases: object

The worker class for the models_transients_element_post module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

post()	<i>execute the post method on the models_transients_element_post object</i>
--------	---

post ()
execute the post method on the models_transients_element_post object

Return

- response – the reponse to send to the browser

2.2.4 models_transients_element_put (class)

class models_transients_element_put (*log, request*)

Bases: object

The worker class for the models_transients_element_put module

Key Arguments

- log – logger
- request – the pyramid request

Methods

close()

put() get the models_transients_element_put object

put ()
get the models_transients_element_put object

Return

- response

2.2.5 models_transients_count (class)

class models_transients_count (*log, request, mwfflag=None, awfflag=None, cflag=None, snoozed=None*)

Bases: object

The worker class for the models_transients_count module

Key Arguments

- log – logger
- request – the pyramid request
- mwfflag – marshall workflow location
- awfflag – alert workflow location
- cflag – classification flag
- snoozes – snoozed flag

Methods

close()

get() get the models_transients_count object

get ()
get the models_transients_count object

Return

- models_transients_count

2.2.6 models_transients_get (class)

class models_transients_get (*log, request, elementId=False, search=False, tcsCatalogueId=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_transients_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

`close()`

`get()` *get the transientData object*

get ()
get the transientData object

Return

- `transientData`

2.2.7 models_transients_post (class)

class models_transients_post (*log, request, elementId=False*)

Bases: `object`

The worker class for the `models_transients_post` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

`close()`

`post()` *execute the post method on the models_transients_post object*

post ()
execute the post method on the models_transients_post object

Return

- `response` – the reponse to send to the browser

- `redirectUrl` – the URL to redirect to once the transient has been added

2.2.8 `models_transients_akas_get` (class)

class `models_transients_akas_get` (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_transients_akas_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Usage

```
usage code

.. todo::

    - add usage info
    - create a sublime snippet for usage
    - add a tutorial about ``models_transients_akas_get`` to documentation
    - create a blog post about what ``models_transients_akas_get`` does
```

Methods

`close()`

`convert_to_nested_data_structure(listOfDict, ...)` *given a flat list of dictionaries, converts and returns the content in a nested structure better suited for json rendering*

`get()` *execute the get method on the `models_transients_akas_get` object*

`convert_to_nested_data_structure` (*listOfDict, primaryKey, resourceName, resourceKeys*)
given a flat list of dictionaries, converts and returns the content in a nested structure better suited for json rendering

Key Arguments

- `listOfDict` – the list of dictionaries (generally returned from a database query)
- `primaryKey` – the primary key in the result sets by which to group json results by
- `resourceName` – the name of the subresource belong to be collected together
- `resourceKeys` – the name of the keys to be grouped together under the subresource

Usage

Here's an example usage of this method:

```

responseContent = self.convert_to_nested_data_structure(
    listOfDict=rows,
    primaryKey="transientBucketId",
    resourceName="akas",
    resourceKeys=["name", "url"]
)

```

get ()

execute the get method on the models_transients_akas_get object

Return

- responseContent – the reponse to send to the browser

2.2.9 models_transients_element_comments_delete (class)

class models_transients_element_comments_delete (*log, request, elementId=False*)

Bases: object

The worker class for the models_transients_element_comments_delete module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

delete()	execute the delete method on the models_transients_element_comments_delete object
----------	---

delete ()

execute the delete method on the models_transients_element_comments_delete object

Return

- responseContent – the reponse to send to the browser

2.2.10 models_transients_element_comments_get (class)

class models_transients_element_comments_get (*log, request, elementId=False*)

Bases: object

The worker class for the models_transients_element_comments_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

get()	execute the get method on the models_transients_element_comments_get object
-------	---

get ()
execute the get method on the models_transients_element_comments_get object

Return

- responseContent – the reponse to send to the browser

2.2.11 models_transients_element_comments_post (class)

class models_transients_element_comments_post (log, request, elementId=False)

Bases: object

The worker class for the models_transients_element_comments_post module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

post()	execute the put method on the models_transients_element_comments_post object
--------	--

post ()
execute the put method on the models_transients_element_comments_post object

Return

- responseContent – the reponse to send to the browser

2.2.12 models_transients_element_comments_put (class)

class models_transients_element_comments_put (log, request, elementId=False)

Bases: object

The worker class for the models_transients_element_comments_put module

Key Arguments

- log – logger
- request – the pyramid request

- `elementId` – the specific element id requests (or False)

Methods

`close()`

<code>put()</code>	execute the put method on the models_transients_element_comments_put object
--------------------	---

put ()

execute the put method on the models_transients_element_comments_put object

Return

- `responseContent` – the reponse to send to the browser

2.2.13 models_transients_comments_count (class)

class models_transients_comments_count (*log, request, elementId=False*)

Bases: object

The worker class for the models_transients_comments_count module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

`close()`

<code>count()</code>	execute the count method on the models_transients_comments_count object
----------------------	---

count ()

execute the count method on the models_transients_comments_count object

Return

- `responseContent` – the reponse to send to the browser

2.2.14 models_transients_comments_get (class)

class models_transients_comments_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_transients_comments_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>get()</code>	execute the get method on the models_transients_comments_get object
--------------------	---

get ()

execute the get method on the `models_transients_comments_get` object

Return

- `responseContent` – the reponse to send to the browser

2.2.15 models_transients_element_context_delete (class)

class models_transients_element_context_delete (*log, request, elementId=False*)

Bases: `object`

The worker class for the `models_transients_element_context_delete` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>delete()</code>	execute the delete method on the models_transients_element_context_delete object
-----------------------	--

delete ()

execute the delete method on the `models_transients_element_context_delete` object

Return

- `responseContent` – the reponse to send to the browser

2.2.16 `models_transients_element_context_get` (class)

class `models_transients_element_context_get` (*log, request, elementId=False*)

Bases: `object`

The worker class for the `models_transients_element_context_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>get()</code>	execute the <code>get</code> method on the <code>models_transients_element_context_get</code> object
--------------------	--

get ()

execute the `get` method on the `models_transients_element_context_get` object

Return

- `responseContent` – the reponse to send to the browser

2.2.17 `models_transients_element_context_post` (class)

class `models_transients_element_context_post` (*log, request, elementId=False*)

Bases: `object`

The worker class for the `models_transients_element_context_post` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

close()

post()	execute the put method on the models_transients_element_context_post object
--------	---

post ()

execute the put method on the models_transients_element_context_post object

Return

- responseContent – the reponse to send to the browser

2.2.18 models_transients_element_context_put (class)

class models_transients_element_context_put (log, request, elementId=False)

Bases: object

The worker class for the models_transients_element_context_put module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

put()	execute the put method on the models_transients_element_context_put object
-------	--

put ()

execute the put method on the models_transients_element_context_put object

Return

- responseContent – the reponse to send to the browser

2.2.19 models_transients_context_count (class)

class models_transients_context_count (log, request, elementId=False)

Bases: object

The worker class for the models_transients_context_count module

Key Arguments

- log – logger
- request – the pyramid request

- `elementId` – the specific element id requests (or False)

Methods

`close()`

<code>count()</code>	execute the count method on the models_transients_context_count object
----------------------	--

count ()

execute the count method on the models_transients_context_count object

Return

- `responseContent` – the reponse to send to the browser

2.2.20 models_transients_context_get (class)

class models_transients_context_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the models_transients_context_get module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

`close()`

<code>get()</code>	execute the get method on the models_transients_context_get object
--------------------	--

<code>get_metadata()</code>	extra metadata
-----------------------------	----------------

get ()

execute the get method on the models_transients_context_get object

Return

- `responseContent` – the reponse to send to the browser

get_metadata ()

extra metadata

2.2.21 models_transients_element_history_delete (class)

class models_transients_element_history_delete (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_transients_element_history_delete module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

`close()`

<code>delete()</code>	execute the delete method on the models_transients_element_history_delete object
-----------------------	--

delete()

execute the delete method on the models_transients_element_history_delete object

Return

- *responseContent* – the reponse to send to the browser

2.2.22 models_transients_element_history_get (class)

class models_transients_element_history_get (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_transients_element_history_get module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

close()

get()	execute the get method on the models_transients_element_history_get object
-------	--

get ()
execute the get method on the models_transients_element_history_get object

Return

- responseContent – the reponse to send to the browser

2.2.23 models_transients_element_history_post (class)

class models_transients_element_history_post (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_transients_element_history_post module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

close()

post()	execute the post method on the models_transients_element_history_post object
--------	--

post ()
execute the post method on the models_transients_element_history_post object

Return

- responseContent – the reponse to send to the browser

2.2.24 models_transients_element_history_put (class)

class models_transients_element_history_put (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_transients_element_history_put module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

`close()`

<code>put()</code>	execute the put method on the models_transients_element_history_put object
--------------------	--

put ()

execute the put method on the models_transients_element_history_put object

Return

- *responseContent* – the reponse to send to the browser

2.2.25 models_transients_lightcurves_count (class)

class models_transients_lightcurves_count (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_transients_lightcurves_count module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – if this a search request (boolean)

Methods

close()

count()	execute the count method on the models_transients_lightcurves_count object
---------	--

count ()

execute the count method on the models_transients_lightcurves_count object

Return

- responseContent – the reponse to send to the browser

2.2.26 models_transients_lightcurves_get (class)

class models_transients_lightcurves_get (log, request, elementId=False, search=False)

Bases: dryxPyramid.models.models_base.base_model

The worker class for the models_transients_lightcurves_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

get()	execute the get method on the models_transients_lightcurves_get object
-------	--

get_metadata()	Get some extra transient metadata
----------------	-----------------------------------

get ()

execute the get method on the models_transients_lightcurves_get object

Return

- responseContent – the reponse to send to the browser

get_metadata ()

Get some extra transient metadata

2.2.27 models_transients_lightcurves_post (class)

class models_transients_lightcurves_post (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_transients_lightcurves_post module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)

Methods

`close()`

<code>post()</code>	execute the post method on the models_transients_lightcurves_post object
---------------------	--

post ()
execute the post method on the models_transients_lightcurves_post object

Return

- *responseContent* – the reponse to send to the browser

2.2.28 models_transients_lightcurves_put (class)

class models_transients_lightcurves_put (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_transients_lightcurves_put module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)

Methods

`close()`

<code>put()</code>	execute the put method on the models_transients_lightcurves_put object
--------------------	--

put ()
execute the put method on the models_transients_lightcurves_put object

Return

- responseContent – the reponse to send to the browser

2.2.29 models_transients_element_obs_get (class)

class models_transients_element_obs_get (log, request, elementId=False, search=False)

Bases: object

The worker class for the models_transients_element_obs_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

close()

get()	execute the get method on the models_transients_element_obs_get object
-------	--

get ()

execute the get method on the models_transients_element_obs_get object

Return

- responseContent – the reponse to send to the browser

2.2.30 models_transients_obs_get (class)

class models_transients_obs_get (log, request, elementId=False, search=False)

Bases: dryxPyramid.models.models_base.base_model

The worker class for the models_transients_obs_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()

get()	execute the get method on the models_transients_obs_get object
-------	--

get ()

execute the get method on the models_transients_obs_get object

Return

- responseContent – the reponse to send to the browser

2.2.31 models_xmatches_element_delete (class)

class models_xmatches_element_delete (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_delete module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

delete()	execute the delete method on the models_xmatches_element_delete object
----------	--

delete ()

execute the delete method on the models_xmatches_element_delete object

Return

- responseContent – the reponse to send to the browser

2.2.32 models_xmatches_element_get (class)

class models_xmatches_element_get (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

- `search` – is this a search request (boolean)

Methods

<code>get()</code>	execute the get method on the models_xmatches_element_get object
--------------------	--

get ()
execute the get method on the models_xmatches_element_get object

Return

- `responseContent` – the reponse to send to the browser

2.2.33 models_xmatches_element_post (class)

class models_xmatches_element_post (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_post module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)
- `search` – is this a search request (boolean)

Methods

<code>post()</code>	execute the post method on the models_xmatches_element_post object
---------------------	--

post ()
execute the post method on the models_xmatches_element_post object

Return

- `responseContent` – the reponse to send to the browser

2.2.34 models_xmatches_element_put (class)

class models_xmatches_element_put (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_put module

Key Arguments

- `log` – logger
- `request` – the pyramid request

- `elementId` – the specific element id requests (or False)
- `search` – is this a search request (boolean)

Methods

<code>put()</code>	execute the put method on the models_xmatches_element_put object
--------------------	--

put ()
execute the put method on the models_xmatches_element_put object

Return

- `responseContent` – the reponse to send to the browser

2.2.35 models_xmatches_get (class)

class models_xmatches_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the models_xmatches_get module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

<code>close()</code>	
<code>get()</code>	execute the get method on the models_xmatches_get object

get ()
execute the get method on the models_xmatches_get object

Return

- `responseContent` – the reponse to send to the browser

2.2.36 models_xmatches_element_catalogues_delete (class)

class models_xmatches_element_catalogues_delete (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_xmatches_element_catalogues_delete module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

<code>delete()</code>	execute the delete method on the models_xmatches_element_catalogues_delete object
-----------------------	---

delete()

execute the delete method on the models_xmatches_element_catalogues_delete object

Return

- *responseContent* – the reponse to send to the browser

2.2.37 models_xmatches_element_catalogues_get (class)

class models_xmatches_element_catalogues_get (*log*, *request*, *elementId=False*, *search=False*)

Bases: `marshall_webapp.models.transients.models_transients_get.models_transients_get`

The worker class for the models_xmatches_element_catalogues_get module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

close()

get()	execute the get method on the models_xmatches_element_catalogues_get object
-------	---

get ()

execute the get method on the models_xmatches_element_catalogues_get object

Return

- responseContent – the reponse to send to the browser

2.2.38 models_xmatches_element_catalogues_post (class)

class models_xmatches_element_catalogues_post (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_xmatches_element_catalogues_post module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

post()	execute the post method on the models_xmatches_element_catalogues_post object
--------	---

post ()

execute the post method on the models_xmatches_element_catalogues_post object

Return

- responseContent – the reponse to send to the browser

2.2.39 models_xmatches_element_catalogues_put (class)

class models_xmatches_element_catalogues_put (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_xmatches_element_catalogues_put module

Key Arguments

- log – logger
- request – the pyramid request

- `elementId` – the specific element id requests (or False)
- `search` – is this a search request (boolean)

Methods

<code>put()</code>	execute the put method on the models_xmatches_element_catalogues_put object
--------------------	---

put ()
execute the put method on the models_xmatches_element_catalogues_put object

Return

- `responseContent` – the reponse to send to the browser

2.2.40 models_xmatches_catalogues_get (class)

class models_xmatches_catalogues_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the models_xmatches_catalogues_get module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)

Methods

<code>close()</code>	
----------------------	--

<code>get()</code>	execute the get method on the models_xmatches_catalogues_get object
--------------------	---

get ()
execute the get method on the models_xmatches_catalogues_get object

Return

- `responseContent` – the reponse to send to the browser

2.2.41 models_xmatches_element_searches_delete (class)

class models_xmatches_element_searches_delete (*log*, *request*, *elementId=False*, *search=False*)

Bases: object

The worker class for the models_xmatches_element_searches_delete module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

<code>delete()</code>	execute the delete method on the models_xmatches_element_searches_delete object
-----------------------	---

delete ()
execute the delete method on the models_xmatches_element_searches_delete object

Return

- *responseContent* – the reponse to send to the browser

2.2.42 models_xmatches_element_searches_get (class)

class models_xmatches_element_searches_get (*log*, *request*, *elementId=False*, *search=False*)

Bases: `marshall_webapp.models.transients.models_transients_get.models_transients_get`

The worker class for the models_xmatches_element_searches_get module

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *elementId* – the specific element id requests (or False)
- *search* – is this a search request (boolean)

Methods

<code>close()</code>	
----------------------	--

<code>get()</code>	execute the get method on the models_xmatches_element_searches_get object
--------------------	---

get ()
execute the get method on the models_xmatches_element_searches_get object

Return

- `responseContent` – the reponse to send to the browser

2.2.43 `models_xmatches_element_searches_post` (class)

class `models_xmatches_element_searches_post` (*log*, *request*, *elementId=False*, *search=False*)

Bases: `object`

The worker class for the `models_xmatches_element_searches_post` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)
- `search` – is this a search request (boolean)

Methods

<code>post()</code>	execute the post method on the <code>models_xmatches_element_searches_post</code> object
---------------------	--

post ()

execute the post method on the `models_xmatches_element_searches_post` object

Return

- `responseContent` – the reponse to send to the browser

2.2.44 `models_xmatches_element_searches_put` (class)

class `models_xmatches_element_searches_put` (*log*, *request*, *elementId=False*, *search=False*)

Bases: `object`

The worker class for the `models_xmatches_element_searches_put` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)
- `search` – is this a search request (boolean)

Methods

put()	execute the put method on the models_xmatches_element_searches_put object
-------	---

put ()
execute the put method on the models_xmatches_element_searches_put object

Return

- responseContent – the reponse to send to the browser

2.2.45 models_xmatches_searches_get (class)

class models_xmatches_searches_get (*log, request, elementId=False, search=False*)

Bases: dryxPyramid.models.models_base.base_model

The worker class for the models_xmatches_searches_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)

Methods

close()	
---------	--

get()	execute the get method on the models_xmatches_searches_get object
-------	---

get ()
execute the get method on the models_xmatches_searches_get object

Return

- responseContent – the reponse to send to the browser

2.2.46 models_xmatches_element_views_delete (class)

class models_xmatches_element_views_delete (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_views_delete module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

delete()	execute the delete method on the models_xmatches_element_views_delete object
----------	--

delete()

execute the delete method on the models_xmatches_element_views_delete object

Return

- responseContent – the reponse to send to the browser

2.2.47 models_xmatches_element_views_get (class)

class models_xmatches_element_views_get (log, request, elementId=False, search=False)
 Bases: marshall_webapp.models.transients.models_transients_get.
 models_transients_get

The worker class for the models_xmatches_element_views_get module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element id requests (or False)
- search – is this a search request (boolean)

Methods

close()	
get()	execute the get method on the models_xmatches_element_views_get object

get()

execute the get method on the models_xmatches_element_views_get object

Return

- responseContent – the reponse to send to the browser

2.2.48 models_xmatches_element_views_post (class)

class models_xmatches_element_views_post (log, request, elementId=False, search=False)
 Bases: object

The worker class for the models_xmatches_element_views_post module

Key Arguments

- log – logger
- request – the pyramid request

- `elementId` – the specific element id requests (or False)
- `search` – is this a search request (boolean)

Methods

<code>post()</code>	execute the post method on the models_xmatches_element_views_post object
---------------------	--

post ()
execute the post method on the models_xmatches_element_views_post object

Return

- `responseContent` – the reponse to send to the browser

2.2.49 models_xmatches_element_views_put (class)

class models_xmatches_element_views_put (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the models_xmatches_element_views_put module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or False)
- `search` – is this a search request (boolean)

Methods

<code>put()</code>	execute the put method on the models_xmatches_element_views_put object
--------------------	--

put ()
execute the put method on the models_xmatches_element_views_put object

Return

- `responseContent` – the reponse to send to the browser

2.2.50 models_xmatches_views_get (class)

class models_xmatches_views_get (*log, request, elementId=False, search=False*)

Bases: `dryxPyramid.models.models_base.base_model`

The worker class for the `models_xmatches_views_get` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>get()</code>	execute the get method on the models_xmatches_views_get object
--------------------	--

get ()

execute the get method on the `models_xmatches_views_get` object

Return

- `responseContent` – the reponse to send to the browser

2.2.51 services_refresh_sidebar_list_counts (class)

class services_refresh_sidebar_list_counts (*log, request, elementId=False*)

Bases: `object`

The worker class for the `services_refresh_sidebar_list_counts` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the specific element id requests (or `False`)

Methods

`close()`

<code>put()</code>	execute the put method on the services_refresh_sidebar_list_counts object
--------------------	---

put ()

execute the put method on the `services_refresh_sidebar_list_counts` object

Return

- `responseContent` – the response to send to the browser

2.2.52 `templates_resource_members` (class)

class `templates_resource_members` (*log, request, elementId=False, search=False*)

Bases: `object`

The worker class for the `templates_resource_members` module

Key Arguments

- `log` – logger
- `request` – the pyramid/WebObs request object
- `elementId` – the specific element requested (or `False`)
- `search` – is this a search? (boolean)

Methods

<code>get()</code>	get the <code>templates_resource_members</code> object
--------------------	--

get ()
get the `templates_resource_members` object

Return

- `webpage` – the webpage HTML

2.2.53 `templates_resource_stats` (class)

class `templates_resource_stats` (*log, request, elementId='SSDR1'*)

Bases: `object`

The worker class for the `templates_resource_stats` module

Key Arguments

- `log` – logger
- `request` – request
- `elementId` – `elementId`

Methods

<code>generate_d3_plot()</code>	generate d3 plot
<code>get()</code>	get the <code>templates_resource_stats</code> object

generate_d3_plot ()
generate d3 plot

get ()
get the `templates_resource_stats` object

Return

- webpage – the webpage HTML

2.2.54 templates_resources_transients (class)

class templates_resources_transients (*log, request, elementId=False, search=False, tcsCatalogueId=False*)

Bases: object

The worker class for the templates_resources_transients module

Key Arguments

- log – logger
- request – the pyramid/WebObs request object
- elementId – the specific element requested (or False)
- search – is this a search? (boolean)
- tcsCatalogueId – tcs catalogue Id (for catalogue match views)

Methods

get()	get the templates_resources_transients object
-------	---

get ()
get the templates_resources_transients object

Return

- webpage – the webpage HTML

2.2.55 templates_services_calendars (class)

class templates_services_calendars (*log, request*)

Bases: object

The worker class for the templates_services_calendars module

Key Arguments

- log – logger
- request – the pyramid request

Methods

get()	get the templates_services_calendars object
-------	---

get ()
get the templates_services_calendars object

Return

- webpage – the webpage for the calendar

2.2.56 templates_transients_comments (class)

class templates_transients_comments (*log, request, elementId=False*)

Bases: object

The worker class for the templates_transients_comments module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the element id of the resource requested (or false)

Methods

get()	get the templates_transients_comments object
-------	--

get ()
get the templates_transients_comments object

Return

- responseContent – the response

2.2.57 templates_transients_context (class)

class templates_transients_context (*log, request, elementId=False, format=False*)

Bases: object

The worker class for the templates_transients_context module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the element id of the resource requested (or false)

Methods

get()	get the templates_transients_context object
-------	---

get ()
get the templates_transients_context object

Return

- responseContent – the response

2.2.58 templates_transients_history (class)

class templates_transients_history (*log, request, elementId=False*)

Bases: object

The worker class for the templates_transients_history module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element requested (or False)

Methods

get()	get the templates_transients_history object
-------	---

get ()
get the templates_transients_history object

Return

- responseContent – the response

2.2.59 templates_transients_lightcurves (class)

class templates_transients_lightcurves (*log, request, elementId=False, format=False*)

Bases: object

The worker class for the templates_transients_lightcurves module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element requested (or False)
- format – format

Methods

get()	get the templates_transients_lightcurves object
-------	---

get ()
get the templates_transients_lightcurves object

Return

- responseContent – the response

2.2.60 templates_transients_obs (class)

class templates_transients_obs (*log, request, elementId=False*)

Bases: object

The worker class for the templates_transients_obs module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the specific element requested (or False)

Methods

get()	get the templates_transients_obs object
-------	---

get ()
get the templates_transients_obs object

Return

- filename
- obText

2.2.61 templates_xmatches (class)

class templates_xmatches (*log, request, elementId=False, search=False*)

Bases: object

The worker class for the templates_xmatches module

Key Arguments

- log – logger
- request – the pyramid/WebObs request object
- elementId – the specific element requested (or False)
- search – is this a search? (boolean)

Methods

get()	get the templates_xmatches object
-------	-----------------------------------

get ()
get the templates_xmatches object

Return

- webpage – the webpage HTML

2.2.62 templates_xmatches_catalogues (class)

class templates_xmatches_catalogues (*log, request, elementId=False, format=False*)

Bases: object

The worker class for the templates_xmatches_catalogues module

Key Arguments

- log – logger
- request – the pyramid request
- elementId – the element id of the resource requested (or false)

Methods

create_table()	create table
get()	get the templates_xmatches_catalogues object

create_table ()
create table

Return

- table

get ()
get the templates_xmatches_catalogues object

Return

- webpage – the webpage

2.2.63 templates_xmatches_searches (class)

class templates_xmatches_searches (*log, request, elementId=False, format=False*)

Bases: object

The worker class for the templates_xmatches_searches module

Key Arguments

- log – logger
- request – the pyramid request

- `elementId` – the element id of the resource requested (or false)

Methods

<code>create_table()</code>	create table
<code>get()</code>	get the <code>templates_xmatches_searches</code> object

`create_table()`
create table

Return

- `table`

`get()`
get the `templates_xmatches_searches` object

Return

- `webpage` – the webpage

2.2.64 `templates_xmatches_views` (class)

`class templates_xmatches_views` (*log, request, elementId=False, format=False*)

Bases: `object`

The worker class for the `templates_xmatches_views` module

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `elementId` – the element id of the resource requested (or false)

Methods

<code>create_table()</code>	create table
<code>get()</code>	get the <code>templates_xmatches_views</code> object

`create_table()`
create table

Return

- `table`

`get()`
get the `templates_xmatches_views` object

Return

- `webpage` – the webpage

2.2.65 transients_element_view (class)

class transients_element_view(request)

Bases: `dryxPyramid.views.views_base_element.base_element_view`

Methods

`delete()`

`get()`

`get_csv()`

`get_html()`

`get_json()`

`get_plain_table()`

`post()`

`put()`

2.2.66 transients_element_comments_view (class)

class transients_element_comments_view(request)

Bases: `object`

Methods

`delete()`

`get()`

`post()`

`put()`

2.2.67 transients_element_context_view (class)

class transients_element_context_view(request)

Bases: object

Methods

delete()

get()

get_csv()

get_json()

get_plain_table()

post()

put()

2.2.68 transients_elements_lightcurve_view (class)

class transients_elements_lightcurve_view(request)

Bases: object

Methods

delete()

get()

get_csv()

get_d3()

get_json()

get_plain_table()

post()

put()

2.2.69 xmatches_element_catalogues_view (class)

class **xmatches_element_catalogues_view**(*request*)
Bases: object

Methods

delete()

get()

get_csv()

get_json()

get_plain_table()

post()

put()

2.2.70 xmatches_element_searches_view (class)

class **xmatches_element_searches_view**(*request*)
Bases: object

Methods

delete()

get()

get_csv()

get_json()

get_plain_table()

post()

put()

2.2.71 xmatches_element_views_view (class)

class xmatches_element_views_view(request)
Bases: object

Methods

delete()
get()
get_csv()
get_json()
get_plain_table()
post()
put()

2.3 Functions

marshall_webapp. admin_only_debugtoolbar marshall_webapp.db	Enable toolbar for administrators only.
marshall_webapp.https_static_url	
marshall_webapp.templates. commonelements.commonutils. block_title	block title
marshall_webapp.templates. commonelements.commonutils. little_label	little labels for the pessto marshall tickets
marshall_webapp.templates. commonelements.pagetemplates. defaultpagetemplate	Generate the webpage to be displayed
marshall_webapp.templates. commonelements.sidebar. marshall_sidebar	Get the left navigation bar for the pessto marshall
marshall_webapp.templates. commonelements.sidebar.stats_sidebar	Get the left navigation bar for the pessto marshall
marshall_webapp.templates. commonelements.sidebar. xmatches_sidebar	Get the left navigation bar for the pessto marshall

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Table 173 – continued from previous page

<code>marshall_webapp.templates. commonelements.stats.esophaseIII. plot_wells</code>	The sofi/efosc imaging/spectra plot well for the stats page of the marshall
<code>marshall_webapp.templates. commonelements.stats.esophaseIII. ssdr_stats_table</code>	ssdr stats table
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.comments.comments_tab</code>	comments tab
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.context.context_footer_bar</code>	get ticket footer bar
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.context.context_tab</code>	context tab
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.development.development_tab</code>	development tab
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.tabs.development. transient_d3_lightcurve</code>	transient d3 lightcurve
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.dryx.dryx_tab</code>	dryx tab
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.history.history_tab</code>	history tab
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.overview.overview_tab</code>	overview tab
<code>marshall_webapp.templates. commonelements.tickets. single_ticket.tabs.photometry. photometry_footer_bar</code>	get ticket footer bar
<code>marshall_webapp.templates. commonelements.tickets.single_ticket. tabs.photometry.photometry_tab</code>	photometry tab
<code>marshall_webapp.templates. commonelements.view_switcher_buttons. hundred_mpc_filter_button</code>	The button to filter transients to only those thought to be withon 100Mpc
<code>marshall_webapp.templates. commonelements.view_switcher_buttons. ntt_view_button</code>	Key Arguments

2.3.1 admin_only_debugtoolbar (*function*)

admin_only_debugtoolbar (*request*)

Enable toolbar for administrators only. Returns True when it should be enabled.

2.3.2 db (*function*)

db (*request*)

2.3.3 https_static_url (*function*)

https_static_url (*self, *args, **kw*)

2.3.4 block_title (*function*)

block_title (*log, title, align='left'*)

block title

Key Arguments

- *title* – the title for the block
- *log* – the logger
- *align* – False | left | right | center

Return

- *title* – the title for the ticket block

2.3.5 little_label (*function*)

little_label (*text='', pull=False, lineBreak=True*)

little labels for the pessto marshall tickets

Key Arguments

- *text* – the label text
- *lineBreak* – add a line break

Return

- *text* – little label

2.3.6 defaultpagetemplate (*function*)

defaultpagetemplate (*log, request, bodyId=False, pageTitle='ePESSTO+ Marshall', topNavBar=False, sideBar=False, mainContent=False, relativePathFromDocRoot=False, thisPageName=""*)

Generate the webpage to be displayed

Key Arguments

- *log* – logger
- *bodyId* – the bodyId of the page

- pageTitle – the title for the page (shows in browser tab)
- topNavBar – topNavBar
- sideBar – sideBar
- mainContent – mainContent
- relativePathFromDocRoot – the path to the assets folder relative to the document root
- thisPageName – the name of the page currently displayed
- params – dictionary of parameters passed to via the url of webpage

Return

- webpage – the webpage to be displayed

2.3.7 marshall_sidebar (function)

marshall_sidebar (*log, request, thisPageName*)

Get the left navigation bar for the pessto marshall

Key Arguments

- log – logger
- request – the pyramid request
- thisPageName – the name of the page currently displayed

Return

- leftNavBar – the left navigation bar for the pessto marshall

2.3.8 stats_sidebar (function)

stats_sidebar (*log, request, thisPageName*)

Get the left navigation bar for the pessto marshall

Key Arguments

- log – logger
- request – the pyramid request
- thisPageName – the name of the page currently displayed

Return

- leftNavBar – the left navigation bar for the pessto marshall

2.3.9 xmatches_sidebar (*function*)

xmatches_sidebar (*log, request, thisPageName*)

Get the left navigation bar for the pessto marshall

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *thisPageName* – the name of the page currently displayed

Return

- *leftNavBar* – the left navigation bar for the pessto marshall

2.3.10 plot_wells (*function*)

plot_wells (*log, request, releaseVersion*)

The sofi/efosc imaging/spectra plot well for the stats page of the marshall

Key Arguments

- *log* – the logger
- *request* – the pyramid request

Return

- *plotWells* – the sofi/efosc imaging/spectra plot well

2.3.11 ssdr_stats_table (*function*)

ssdr_stats_table (*log, request, releaseVersion*)

ssdr stats table

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *releaseVersion* – which release

Return

- *table* – the ssdr FITS file stats table

2.3.12 comments_tab (*function*)

comments_tab (*log, request, discoveryDataDictionary, objectComments, objectAkas, atelData, lightcurve-Data, transientCrossmatches*)

comments tab

Key Arguments

- *log* – logger
- *request* – the pyramid request

- `discoveryDataDictionary` – the unique `discoveryData` dictionary of the object in the pessto marshall database (from `view_object_contextual_data`)
- `objectComments` – the comments for the object
- `objectAkas` – object akas
- `lightcurveData` – the lightcurve data for the objects displayed on the webpage
- `atelData` – the atel matches for the objects displayed on the webpage
- `transientCrossmatches` – info from the transient crossmatcher

Return

- `comments_tab` – for each transient ticket in the transient listings pages

2.3.13 `context_footer_bar` (function)

context_footer_bar (*log, request*)

get ticket footer bar

Key Arguments

- `log` – logger
- `discoveryData` – the `discoveryData` for the object
- `lightcurveData` – the lightcurve data for the object

Return

- `context_footer_bar` – the ticket footer bar for the pessto object

2.3.14 `context_tab` (function)

context_tab (*log, request, discoveryDataDictionary, objectAkas, atelData, lightcurveData, transientCrossmatches*)

context tab

Key Arguments

- `log` – logger
- `request` – the pyramid request
- `discoveryDataDictionary` – the unique `discoveryData` dictionary of the object in the pessto marshall database (from `view_object_contextual_data`)
- `objectAkas` – object akas
- `lightcurveData` – the lightcurve data for the objects displayed on the webpage
- `atelData` – the atel matches for the objects displayed on the webpage
- `transientCrossmatches` – catalogue crossmatches (from sherlock)

Return

- `context_tab` – the lightcurve/context tab for a single ticket on the transient listings page

2.3.15 development_tab (*function*)

development_tab (*log, request, discoveryDataDictionary, objectAkas, atelData, objectHistories*)
development tab

Key Arguments

- log – logger
- request – the pyramid request
- discoveryDataDictionary – the unique discoveryData dictionary of the object in the pessto marshall database (from view_object_contextual_data)
- objectAkas – object akas
- objectHistories – the lightcurve data for the objects displayed on the webpage
- atelData – the atel matches for the objects displayed on the webpage

Return

- development_tab – for each transient ticket in the transient listings pages

2.3.16 transient_d3_lightcurve (*function*)

transient_d3_lightcurve (*log, discoveryDataDictionary, request*)
transient d3 lightcurve

Key Arguments

- dbConn – mysql database connection
- log – logger

2.3.17 dryx_tab (*function*)

dryx_tab (*log, request, discoveryDataDictionary, objectAkas, atelData, objectHistories*)
dryx tab

Key Arguments

- log – logger
- request – the pyramid request
- discoveryDataDictionary – the unique discoveryData dictionary of the object in the pessto marshall database (from view_object_contextual_data)
- objectAkas – object akas
- objectHistories – the lightcurve data for the objects displayed on the webpage
- atelData – the atel matches for the objects displayed on the webpage

Return

- dryx_tab – for each transient ticket in the transient listings pages

2.3.18 history_tab (function)

history_tab (*log, request, discoveryDataDictionary, objectAkas, atelData, objectHistories*)
history tab

Key Arguments

- log – logger
- request – the pyramid request
- discoveryDataDictionary – the unique discoveryData dictionary of the object in the pessto marshall database (from view_object_contextual_data)
- objectAkas – object akas
- objectHistories – the lightcurve data for the objects displayed on the webpage
- atelData – the atel matches for the objects displayed on the webpage

Return

- history_tab – for each transient ticket in the transient listings pages

2.3.19 overview_tab (function)

overview_tab (*log, request, discoveryDataDictionary, objectComments, objectAkas, atelData, lightcurveData, objectHistories, transientCrossmatches, headerAndFooter=True*)
overview tab

Key Arguments

- log – logger
- request – the pyramid request
- discoveryDataDictionary – the unique discoveryData dictionary of the object in the pessto marshall database (from view_object_contextual_data)
- objectComments – the comments for the object
- lightcurveData – the lightcurve data for the objects displayed on the webpage
- atelData – the atel matches for the objects displayed on the webpage
- objectHistories – the object histories
- transientCrossmatches – info from the tranisent crossmatcher
- headerAndFooter – do you want to display the header and footer?

Return

- overview_tab – the transient overview info tab for the single ticket displayed on the transient listing pages

2.3.20 photometry_footer_bar (function)

photometry_footer_bar (*log, request, discoveryDataDictionary, objectAkas, lightcurveData*)
get ticket footer bar

Key Arguments

- *log* – logger
- *discoveryData* – the discoveryData for the object
- *lightcurveData* – the lightcurve data for the object

Return

- *photometry_footer_bar* – the ticket footer bar for the pessto object

2.3.21 photometry_tab (function)

photometry_tab (*log, request, discoveryDataDictionary, objectAkas, atelData, lightcurveData*)
photometry tab

Key Arguments

- *log* – logger
- *request* – the pyramid request
- *discoveryDataDictionary* – the unique discoveryData dictionary of the object in the pessto marshall database (from *view_object_contextual_data*)
- *objectAkas* – object akas
- *lightcurveData* – the lightcurve data for the objects displayed on the webpage
- *atelData* – the atel matches for the objects displayed on the webpage

Return

- *photometry_tab* – the lightcurve/photometry tab for a single ticket on the transient listings page

2.3.22 hundred_mpc_filter_button (function)

hundred_mpc_filter_button (*log, params, elementId, request*)
The button to filter transients to only those thought to be within 100Mpc

Key Arguments

- *log* – logger
- *params* – the request params (defaults added if not populated)
- *request* – the pyramid request

Return

- *viewSwitcherButton* – the view switching button

2.3.23 ntt_view_button (function)

ntt_view_button (*log, params, elementId, request*)

Key Arguments

- log – logger
- params – the request params (defaults added if not populated)
- request – the pyramid request

Return

- viewSwitcherButton – the view switching button

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<code>marshall_webapp.https_static_url</code>	
<code>marshall_webapp.templates.commonelements.commonutils.block_title</code>	block title
<code>marshall_webapp.templates.commonelements.commonutils.little_label</code>	little labels for the pessto marshall tickets
<code>marshall_webapp.templates.commonelements.pagetemplates.defaultpagetemplate</code>	Generate the webpage to be displayed
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<code>marshall_webapp.templates.commonelements.sidebar.stats_sidebar</code>	Get the left navigation bar for the pessto marshall
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<code>marshall_webapp.templates. commonelements.view_switcher_buttons. hundred_mpc_filter_button</code>	The button to filter transients to only those thought to be withon 100Mpc
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MARSHALL WEBAPP RELEASE NOTES

best name is selected in both table view and plain-text outputs

json output now reports akas (name and url) for each transient

fixed csv and plain text downloads

allow for debug toolbar over https

v3.1.1 - May 7, 2021

- **ENHANCEMENT:** SSL certificate now installed on the pessto.org domain. All traffic is now encrypted and secure. All `http` requests should also be redirected to `https`.
- **FIXED:** classification summary info on each ticket is now the latest and most relevant. At times an older redshift report was being presented.

v3.1.0 - March 17, 2021

- **REFACTOR** search function more forgiving, but also more accurate and MUCH faster
- **REFACTOR** adding new sources via the “create new ticket button” now faster
- **ENHANCEMENT** AT/SN names now set as the ‘master’ or headline name in each transient ticket. All other names and links added to *aka* section.
- **ENHANCEMENT:** added light echo to classification options
- **FIXED:** issue where transient history logs were not getting parsed correctly resulting in ticket not loading in marshall interface
- **FIXED** database connector, needed to create new tickets and add classifications, pings MySQL server and reconnects if connection is broken *before* executing actions. This hopefully fixes the long-standing issues with these 2 features.

v3.0.9 - January 11, 2021

- **FEATURE** documentation for the marshall webapp is on [readthedocs](#). This is mainly for developer reference so far.
- **FIXED** the context visualisation is now displaying correctly to show all sherlock crossmatches (see context tab on transient tickets)

v3.0.8 - December 15, 2020

- **REFACTOR** added ability to set classification priority when moving ticket to classification list
- **FIXED** fixing cache links so images appear and downloads work correctly

v3.0.7 - December 4, 2020

- **REFACTOR** settings files clean up and consolidation

- **FIXED** classification bug squashed

v3.0.6 - December 4, 2020

- **REFACTOR** moved a sherlock book-keeping query from front-end code to database procedure. Should decrease page load times.
- **FIXED** sorting lists on 'latest comment'.

v3.0.5 - December 3, 2020

- **FIXED** date formats, broken aka links, broken stats pages and broken table view

v3.0.4 - December 2, 2020

- **FIXED** comment function (legacy unicode fix)

v3.0.3 - December 2, 2020

- **FIXED** search function

v3.0.2 - November 17, 2020

- **Enhancement** added config files for cluster
- **Enhancement** added ability to connect to a non-standard database port issue

v3.0.1 - July 6, 2020

- **Fixed** unittest database import metadata lock issue
- **Fixed** bug in search resource

v3.0.0 - June 25, 2020

- Now compatible with Python 3.*

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