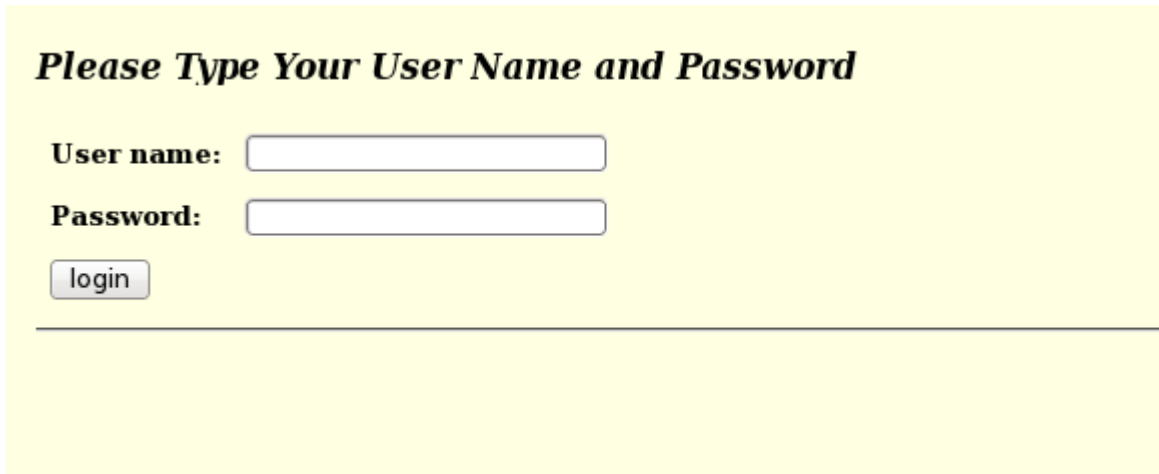


How to Update Database

Ocat Data package saves almost all data in sqlite3 database which you can edit on a browser. To edit the database, however, you must be a user “cus”.

First, open: <http://r2d2-v.cfa.harvard.edu/ocatmain/> on your browser. If you have not logged in for the last 24 hours, you will see:



Please Type Your User Name and Password

User name:

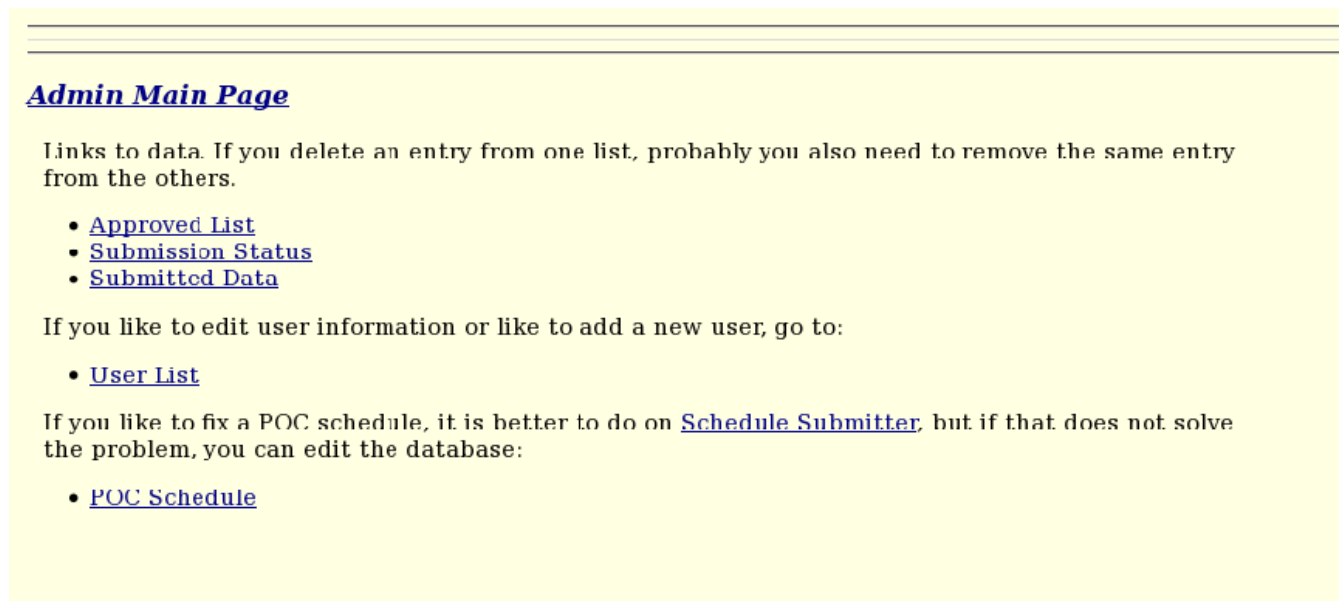
Password:

Type “cus” in the user box and its password in the password box.

If you are already on the main page as you, use :

(Change POC:)

This will open the page for the super user “cus”. The top half is the same as that of any other POC, but the bottom half of the page is the admin area.



Admin Main Page

Links to data. If you delete an entry from one list, probably you also need to remove the same entry from the others.

- [Approved List](#)
- [Submission Status](#)
- [Submitted Data](#)

If you like to edit user information or like to add a new user, go to:

- [User List](#)

If you like to fix a POC schedule, it is better to do on [Schedule Submitter](#), but if that does not solve the problem, you can edit the database:

- [POC Schedule](#)

Although you can go to each section directly by clicking the link (e.g. Approved List), in this guide, click “Admin Main Page” link to go to the top admin page.

← | r2d2-v.cfa.harvard.edu/admin/ | Search

SIM Movement Tre... Most Visited Getting Started Latest Headlines MTA

Django administration

Site administration

Auth	
Groups	+Add Change
Users	+Add Change

Ocatdatapage	
Approvals	+Add Change
Data_tables	+Add Change
Obs_plans	+Add Change
Updates	+Add Change

Schedule_Submitter	
Schedules	+Add Change

Recent Actions

My Actions

- [malgosia](#)
User
- [+malgosia](#)
User
- [rdabrusc](#)
User
- [+rdabrusc](#)
User
- [mm](#)
User
- [+mm](#)
User
- [jzuhone](#)
User
- [+jzuhone](#)
..

The main page address is <http://r2d2-v.cfa.harvard.edu/admin/> and you can directly go there by using this address in the browser, but you must be “cus” to be able to edit the data. Although the database list start from the group database, it has only two data (POC/USINT) and we ignore it in the guide.

User Database

All users are manually added to the database. Select “User” from the list. It will open

Django administration Welcome, **cus**. [Change password](#) / [Log out](#)

Home > Auth > Users

Select user to change [Add user](#) +

Username	Email address	First name	Last name	Staff status
<input type="checkbox"/> abogdan	abogdan@cfa.harvard.edu	Akos	Bogdan	⊖
<input type="checkbox"/> andreap	andreap@head.cfa.harvard.edu	Andrea	Prestwich	⊖
<input type="checkbox"/> arots	arots@head.cfa.harvard.edu	Arnold	Rots	⊖
<input type="checkbox"/> avikhlinin	avikhlinin@cfa.harvard.edu	Alexey	Vikhlinin	⊖
<input type="checkbox"/> brad	brad@head.cfa.harvard.edu	Brad	Spitzbart	⊖
<input type="checkbox"/> bwargelin	bwargelin@cfa.harvard.edu	Brad	Wargelin	⊖
<input checked="" type="checkbox"/> cus	isobe@cfa.harvard.edu			⊕
<input type="checkbox"/> das	das@cfa.harvard.edu	Dan	Schwartz	⊖
<input type="checkbox"/> edgar	edgar@heac.cfa.harvard.edu	Richard	Edgar	⊖
<input type="checkbox"/> emcclain	emcclain@head.cfa.harvard.edu	Edward	McClain	⊖
<input type="checkbox"/> emk	emk@head.cfa.harvard.edu	Ed	Kellogg	⊖

Filter

- By staff status**
- All
- Yes
- No
- By superuser status**
- All
- Yes
- No
- By active**
- All
- Yes
- No
- By groups**
- All
- POC
- USINT

The green tick mark indicates that “cus” is the super user and all others are not.

Choose one of the users whom you want to change information.

Change user

[History](#) [View on s](#)

Username:
Required. 30 characters or fewer. Letters, digits and @/./+/-/_ only.

Password: **algorithm:** md5 **salt:** 92***** **hash:** ef138b*****
Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using [this form](#).

Personal info

First name:

Last name:

Email address:

Permissions

Active
Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

Staff status
Designates whether the user can log into this admin site.

Superuser status
Designates that this user has all permissions without explicitly assigning them.

The groups this user belongs to. A user will get all permissions granted to each of his/her group. Hold down "Control", or "Command" on a Mac, to select more than one.

Groups: +

Available groups ⓘ

USINT

Choose all ⓘ

Chosen groups ⓘ

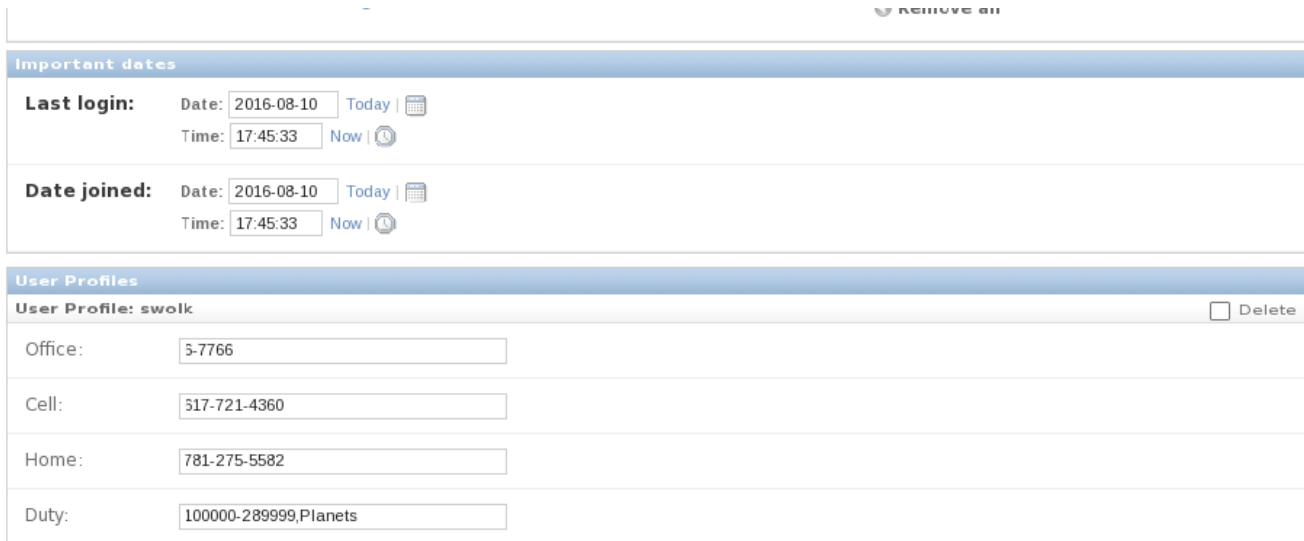
POC

Remove all ⓘ

For now, skip password part. The most important part here is "Groups". We have only two choices: POC and USINT. POC can edit all pages, but USINT has a limited access.

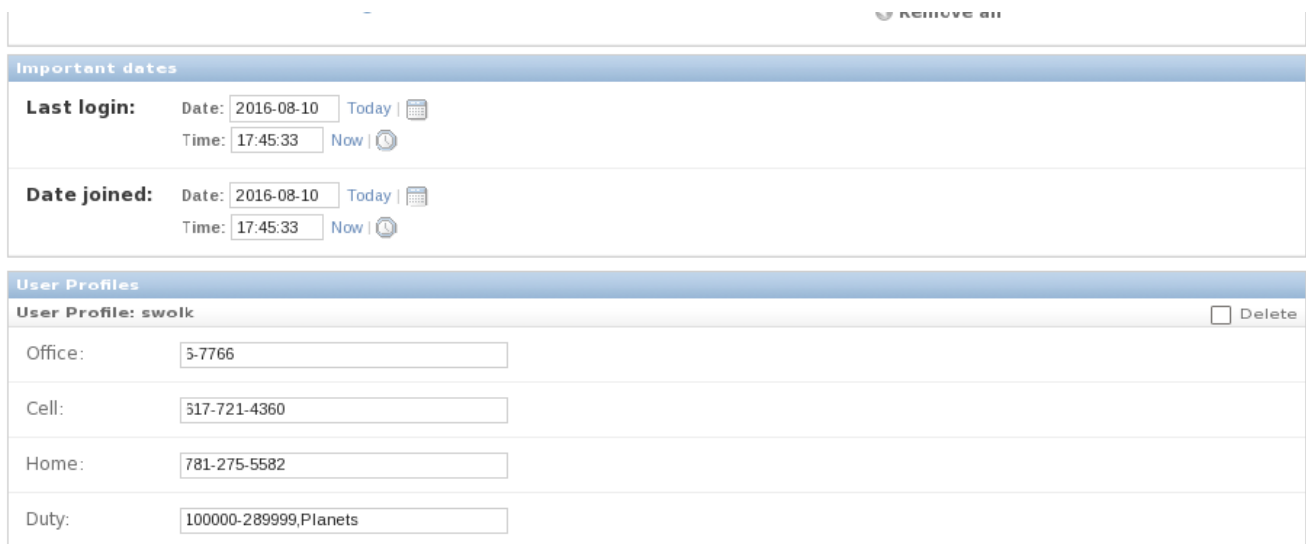
	POC	USINT
Ocat Main Page	Yes	No
Target Parameter Update Form	Yes	Yes
Parameter Check Page	Yes	Yes
Remove Submission Page	Yes	Yes
Express Approve Page	Yes	No
POC Sign Up	Yes	No

For POC user, you also need to fill the information at the bottom of the page.



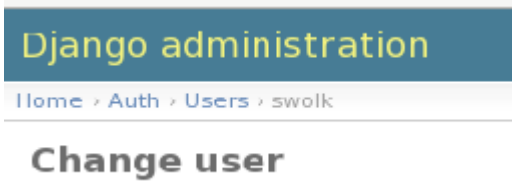
The screenshot shows a Django user profile page for a user named 'swolk'. At the top right, there is a 'REMOVE ALL' link. The page is divided into two main sections: 'Important dates' and 'User Profiles'. The 'Important dates' section contains two rows: 'Last login' and 'Date joined'. Each row has a 'Date' field with a value of '2016-08-10', a 'Today' link, a calendar icon, a 'Time' field with a value of '17:45:33', a 'Now' link, and a clock icon. The 'User Profiles' section has a header 'User Profile: swolk' and a 'Delete' button. Below this are four rows of profile information, each with a label and a text input field: 'Office: 5-7766', 'Cell: 517-721-4360', 'Home: 781-275-5582', and 'Duty: 100000-289999,Planets'.

The date part is automatically updated and you don't need to do anything.



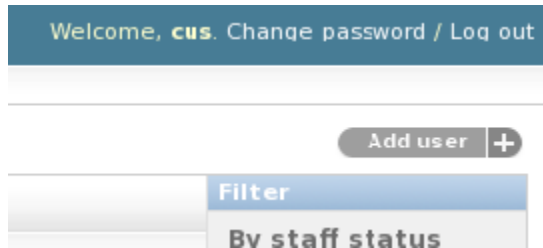
This screenshot is identical to the one above, showing the Django user profile page for 'swolk'. It displays the 'Important dates' section with 'Last login' and 'Date joined' information, and the 'User Profiles' section with fields for Office, Cell, Home, and Duty.

When you want to go back to the previous page, you can either use the back button of the browser or the navigation link at the top left corner of the page.



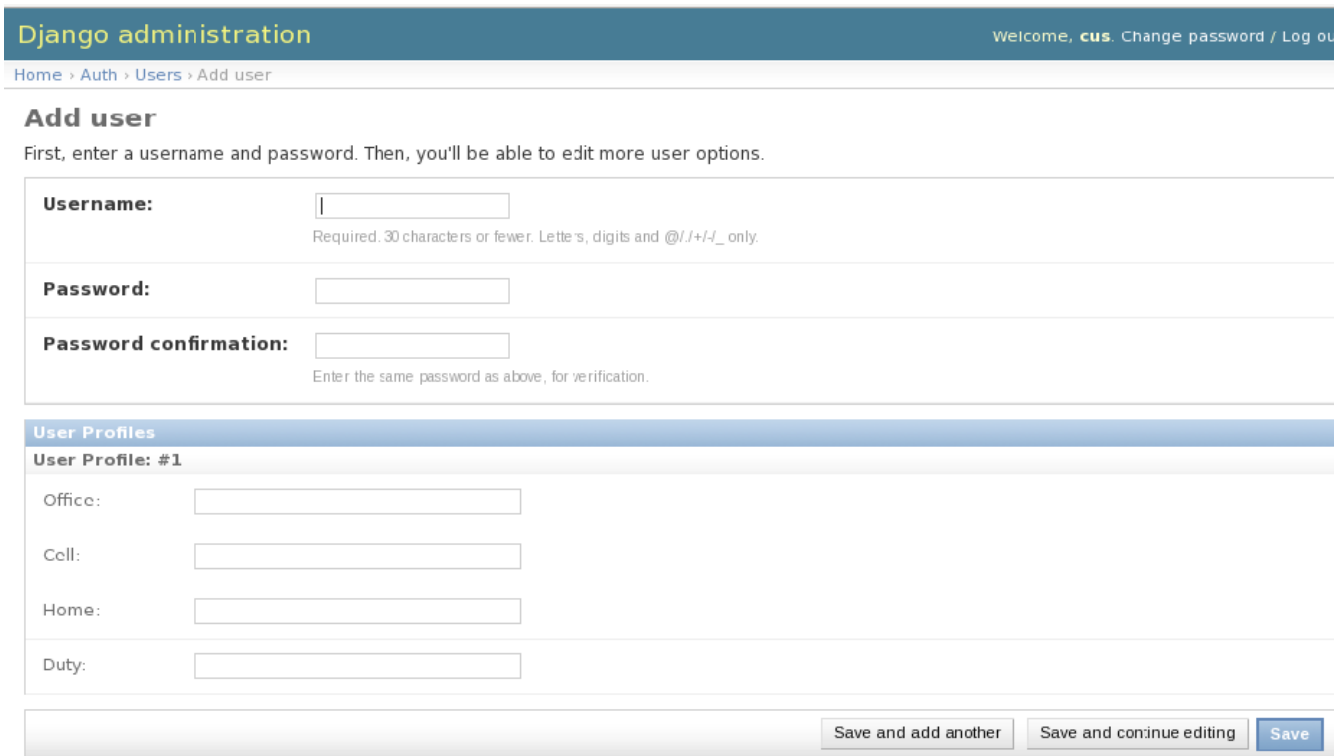
Adding a New User

If you need to add a new user, there are two ways to start; both open the same page. One is from the top admin page by clicking “+Add” button and other is from inside of the user page (<http://r2d2-v.cfa.harvard.edu/admin/auth/user/>).



This will open “Add user” page. Type a HEAD user name in Username box. Use "Ocat1234#" as a password for Password boxes. When the new user uses this password, the page will ask to update the password. Note, you cannot open any of the pages with this default password.

If the user is POC, fill the rest of the information, but if s/he is a USINT user, keep these boxes empty.

A screenshot of the Django administration "Add user" page. The page has a blue header bar with "Django administration" on the left and "Welcome, cus. Change password / Log out" on the right. Below the header is a breadcrumb trail: "Home > Auth > Users > Add user". The main heading is "Add user" with a sub-heading "First, enter a username and password. Then, you'll be able to edit more user options." The form contains three input fields: "Username:" with a required field note "Required. 30 characters or fewer. Letters, digits and @/./+/-/_ only.", "Password:", and "Password confirmation:" with a note "Enter the same password as above, for verification." Below these is a "User Profiles" section with a sub-heading "User Profile: #1" and four input fields: "Office:", "Cell:", "Home:", and "Duty:". At the bottom right, there are three buttons: "Save and add another", "Save and continue editing", and "Save".

Click “Save and continue editing” button which brings you to the main user page. Select “Active” from “Permissions” area, and choose either USINT or POC in Group area. Then hit “Save” button at the bottom of the page.

Permissions

Active
Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

Staff status
Designates whether the user can log into this admin site.

Superuser status
Designates that this user has all permissions without explicitly assigning them.

The groups this user belongs to. A user will get all permissions granted to each of his/her group. Hold down "Control", or "Command" on a Mac, to select more than one.

Groups: +

Available groups ⊕

Filter

USINT

Choose all ↕

Chosen groups ⊕

POC

Remove all ↕

Approvals Database

Approved database (django automatically add "s" at the end of the database name) contains the list of the obsids which were approved. Each row displays Obsid, Sequence Number, POC, and Signed off Date.

Home > Ocatdatapage > Approvals

Select approved to change

Search

Action: Go 0 of 100 selected

<input type="checkbox"/>	Obsid	Seqno	Poc	Date
<input type="checkbox"/>	19848	590551	hermann	09/30/16
<input type="checkbox"/>	19716	401003	hermann	09/30/16
<input type="checkbox"/>	19715	401883	hermann	09/30/16
<input type="checkbox"/>	19003	401869	hermann	09/30/16
<input type="checkbox"/>	19002	401869	hermann	09/30/16

If one of these were an accidental submission, you can remove it by selecting the entry and from "Action", select "Delete selected..." and hit "Go". Although POC can remove any "approved" entry from Ocat Data Page by herself, on this page, you can remove several of them at the same time.

The screenshot shows a web browser window with the URL `r2d2-v.cfa.harvard.edu/admin/ocatdatapage/approved/`. The page title is "Django administration" and the breadcrumb is "Home > Ocatdatapage > Approvals". The main heading is "Select approved to change". Below this is a search bar and an action menu set to "Delete selected approvals" with a "Go" button. A table lists several items, with the one having Obsid "19716" selected (checked checkbox). The table has columns for Obsid, Seqno, and Poc.

Obsid	Seqno	Poc
<input type="checkbox"/> 19848	590551	hermanm
<input checked="" type="checkbox"/> 19716	401883	hermanm
<input type="checkbox"/> 19715	401883	hermanm
<input type="checkbox"/> 19003	401869	hermanm
<input type="checkbox"/> 19002	401869	hermanm
<input type="checkbox"/> 18962	401830	hermanm

It will display a confirmation page before actually remove the data, but once it is removed, you cannot recover. So be careful.

If you want to edit data, e.g., if you want to change the POC id, then open the data by clicking the obsid.

Change approved

Obsid:	<input type="text" value="19848"/>
Seqno:	<input type="text" value="590551"/>
Poc:	<input type="text" value="hermanm"/>
Date:	<input type="text" value="09/30/16"/>
Odate:	<input type="text" value="160930"/>
✖ Delete	

After edit whatever you need, don't forget to save the change.

Data_tables Database

The data_table database contains the full information of the submitted data from Ocat Data Page (e/g/ <http://r2d2-v.cfa.harvard.edu/ocatdatapage/19333/>). The top page displays the summary table with each row containing: Obsidrev, Sequence number, Proposal number, Title, POC, and signed data.

Select data_tables to change

Add data_tables +

Obsidrev	Seq nbr	Prop num	Title	Poc	Date
<input type="checkbox"/> 19860.001	790300	18700765	AO-18 Calibration Observations of Mkn421	hermanm	09/30/16
<input type="checkbox"/> 19853.001	790293	18700765	AO-18 Calibration Observations of Mkn421	hermanm	09/30/16
<input type="checkbox"/> 19848.001	590551	18500768	AO-18 LETG/ACIS-S Calibration Observations of RXJ 1856	hermanm	09/30/16
<input type="checkbox"/> 19867.001	790307	18700771	AO-18 Cross-Calibration Observations of 3C273	hermanm	09/30/16
<input type="checkbox"/> 19716.001	401883	18400757	Using the LETGS to Find Narrow Lines from a Slowly Rotating Neutron Star	hermanm	09/30/16

Although you should not edit any of the data from here, if you need, you can remove the entry as a whole by selecting “Delete...” option from Action. Make sure that you also remove the same entry from Updates Database (see below) and if it is approved one, remove it also from approved list.

If you click obsidrev, you can inspect all the data save for that obsidrev. There are three types of data. Ones with header “Org”, ones with “Req”, and those without either of them. The first ones list values before the submission occurred and the second ones list requested values. Those without headers are non-modifiable (on Ocat Data Page) data.

Again, don't edit any of these data!

Change data_tables

Obsidrev:	<input type="text" value="19860.001"/>
Obsid:	<input type="text" value="19860"/>
Targid:	<input type="text" value="60330"/>
Seq nbr:	<input type="text" value="790300"/>
Prop num:	<input type="text" value="18700765"/>
Targname:	<input type="text" value="MKN421"/>
Title:	<input type="text" value="AO-18 Calibration Observations of Mkn421"/>
Poc:	<input type="text" value="hermanm"/>
ASIS:	<input type="text" value="NORM"/>
Rev:	<input type="text" value="001"/>
Date:	<input type="text" value="09/30/16"/>
Odate:	<input type="text" value="160930"/>
Org si mode:	<input type="text" value="TE_0099C"/>
Org instrument:	<input type="text" value="ACIS-S"/>
Org grating:	<input type="text" value="HETG"/>
Org type:	<input type="text" value="CAL"/>
Org no:	<input type="text" value="166 112222"/>

Obs_Plans Database

Obs_plan database lists currently planned observations and those just recently observed but not yet archived. Each row lists Obsid, Sequence number, observation type, status, POC, AO number, and Observation Planned Date.

Only data you may need to edit here is POC. Although the script guesses well which POC is responsible to which observations, occasionally POC changes happen and also the script guesses POC totally wrong. If that happens, you need to come to this page, choose obsid, and edit the database.

Select obs_plan to change

Obsid	Seqno	Otype	Status	Poc	Ao	Date
<input type="checkbox"/> 19835	201154	ddt	unobserved	TBD	17	NA
<input type="checkbox"/> 19834	201154	ddt	unobserved	TBD	17	NA
<input type="checkbox"/> 19833	201154	ddt	unobserved	TBD	17	NA

Updates Database

Updates database is used by Target Parameter Update Status Form (<http://r2d2-v.cfa.harvard.edu/orupdate/>). It lists Obsidrev, General signed off status, ACIS signed off status, SI Mode signed off status, and Verified status. It also lists, Sequence number, POC and date created.

Select updates to change

Obsidrev	General	Acis	Si mode	Verified	Seqno	Poc	Date
<input type="checkbox"/> 19690.007	rdabrusc 09/30/16	NULL	NULL	jeanconn 10/02/16	502963	jeanconn	09/30/16
<input type="checkbox"/> 19860.001	rdabrusc 09/30/16	rdabrusc 09/30/16	edgar 10/01/16	NA	790300	he-manm	09/30/16
<input type="checkbox"/> 19853.001	rdabrusc 09/30/16	rdabrusc 09/30/16	edgar 10/01/16	NA	790293	he-manm	09/30/16
<input type="checkbox"/> 19867.001	rdabrusc 09/30/16	rdabrusc 09/30/16	edgar 10/01/16	NA	790307	he-manm	09/30/16

Although the user can retract the signed off status for 24 hours after the signed off was made, after that time period, the admin needs to change the status if it is needed. If you need to edit the data, again click the obsidrev and go to the editing page to update the data.

Schedules Database

Although I don't think that you really need to edit the schedule database since all modification can be done from the web site (http://r2d2-v.cfa.harvard.edu/schedule_submitter/), you may find an occasion to do so. If that is the case, go to this page and update the database.

Select schedule to change

Add schedule +

<input type="checkbox"/>	Contact	Start	Finish	Start month	Start day	Start year	Finish month	Finish day	Finish year	Assigned
<input type="checkbox"/>	kashyap	605145600	605750400	3	6	2017	3	12	2017	Kashyap
<input type="checkbox"/>	kashyap	604540800	605145600	2	27	2017	3	5	2017	Kashyap
<input type="checkbox"/>	malgosia	603936000	604540800	2	20	2017	2	26	2017	malgosia
<input type="checkbox"/>	jeanconn	603331200	603936000	2	13	2017	2	19	2017	jeanconn
<input type="checkbox"/>	zhao	602726400	603331200	2	6	2017	2	12	2017	zhao
<input type="checkbox"/>	zhao	602121600	602726400	1	30	2017	2	5	2017	zhao
<input type="checkbox"/>	jeanconn	601516800	602121600	1	23	2017	1	29	2017	jeanconn

This memo was prepared by T. Isobe (tisobe@cfa.harvard.edu).

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