

**Honolulu AAS Meeting
JWST Proposal Planning Workshop
January 3, 2020**

**Target Exercise
Target Import**

Weston Eck

Target Import

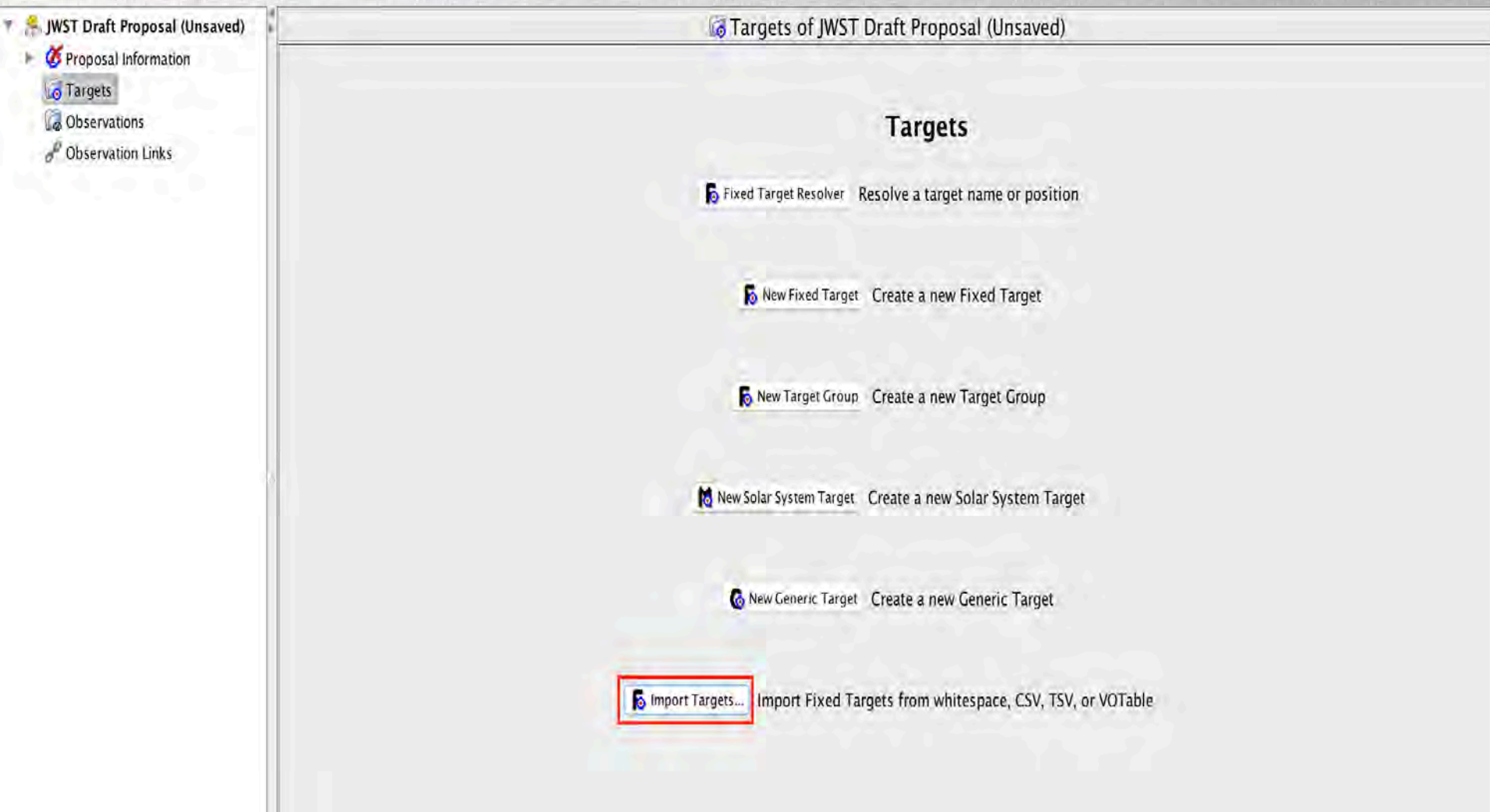
- Download Exercise_2.txt from AAS workshop website
- Open Exercise_2.txt in a text editor
- This file falls under the CSV category. Note the columns separated by commas

```

File Path ▾ : ~/Exercies_2.txt
Exercies_2.txt
1 # APT Output Product
2 #
3 # APT Version: Version 25.1 pr86025 (Tue May 16 2017)
4 # Date: Wed May 17 17:35:46 GMT 2017
5
6 # Target Name, RA, DEC, V-Magnitude, Mag Uncertainty, "Other Fluxes", "Reference Frame", GSC1 Plate ID, Category, "Description"
7 GJ-398.2,10 39 36.7404,+43 06 9.26,11.14,,,ICRS,,STAR,"[POST-AGB STAR, SDO]",NO,14.09,mass/yr,-25.01,mass/yr,2000,FEIGE34,,0.1,0.1
8 PN-A66-36,13 40 41.3437,-19 52 55.32,11.57,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,17.06,mass/yr,4.62
9 HD26847,04 14 15.7820,-12 44 21.68,10.55,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",NO,,,,,,0.1,0.1,,,
10 HD107969,12 24 30.7600,-18 47 5.40,13.2,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,,,,,,0.1,0.1,,,He
11 LSS-1362,09 52 44.5240,-46 16 47.47,12.3,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,-3.6,mass/yr,16.7,m
12 PN-A66-78,21 35 29.3800,+31 41 45.30,13.25,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,,,,,,0.1,0.1,,,
13 NGC1360,03 33 14.6475,-25 52 18.00,11.16,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,1.77,mass/yr,24.91,n
14 NGC7094,21 36 52.9700,+12 47 19.00,13.35,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,,,,,,GSC2-N03112002
15 PN-K-1-16,18 21 52.1110,+64 21 53.22,14.96,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,-4,mass/yr,-3,mass
16 NGC6853,19 59 36.3790,+22 43 15.75,14.09,,,ICRS,,STAR,"[PLANETARY NEBULA CENTRAL STAR, POST-AGB STAR, SDO]",,,,,,,BD+22-3878,,0.
17
  
```

Target Import

- In APT click on Target Import



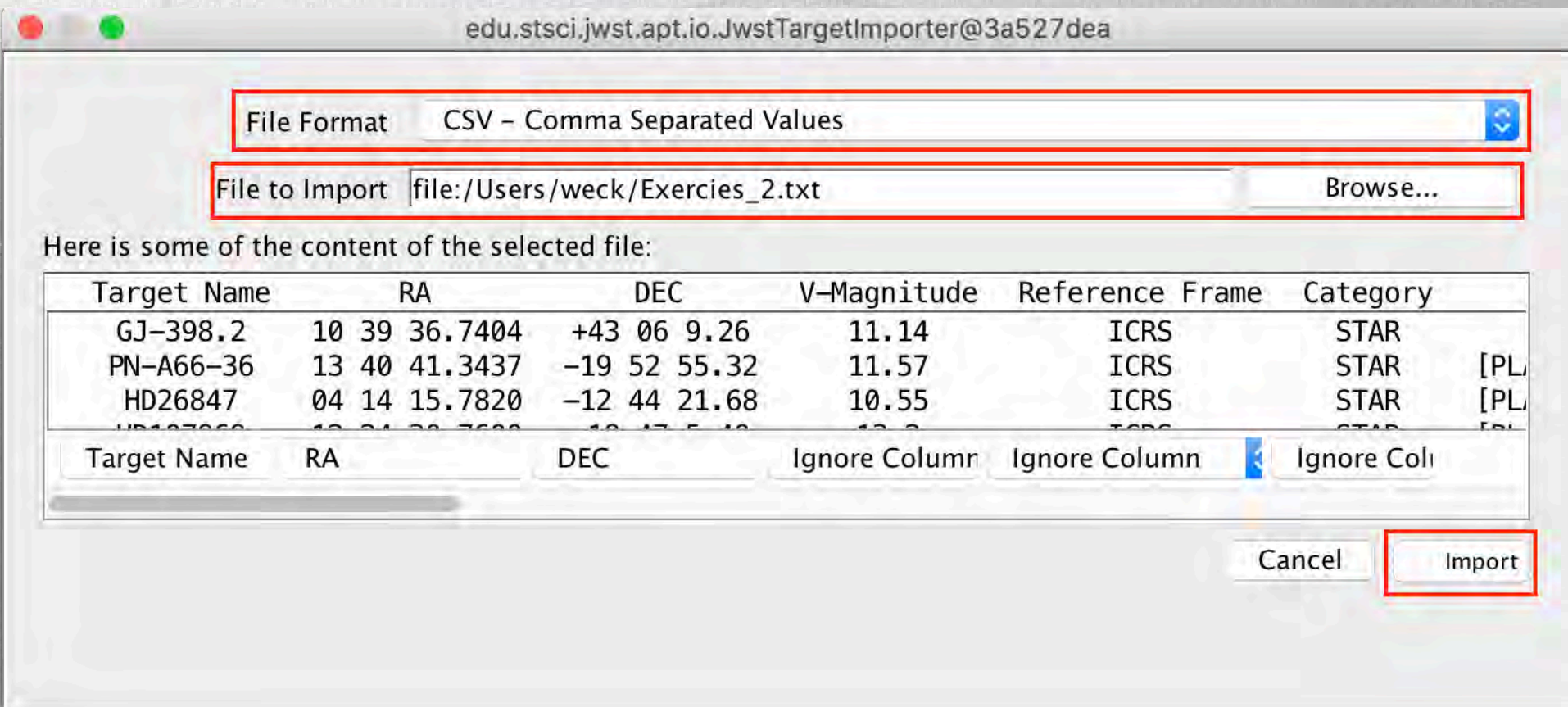
The screenshot shows the APT interface for a JWST Draft Proposal (Unsaved). The left sidebar contains a navigation menu with the following items: Proposal Information, Targets (highlighted), Observations, and Observation Links. The main content area is titled "Targets of JWST Draft Proposal (Unsaved)" and displays a list of target management actions under the heading "Targets".

Targets

- [Fixed Target Resolver](#) Resolve a target name or position
- [New Fixed Target](#) Create a new Fixed Target
- [New Target Group](#) Create a new Target Group
- [New Solar System Target](#) Create a new Solar System Target
- [New Generic Target](#) Create a new Generic Target
- [Import Targets...](#) Import Fixed Targets from whitespace, CSV, TSV, or VOTable

Target Import

- **Fill in File Format: CSV – Comma Separated Values**
- **File to Import: Exercises_2.txt**
- **Click Import**



edu.stsci.jwst.appt.io.JwstTargetImporter@3a527dea

File Format: CSV – Comma Separated Values

File to Import: file:/Users/weck/Exercies_2.txt Browse...

Here is some of the content of the selected file:

Target Name	RA	DEC	V-Magnitude	Reference Frame	Category
GJ-398.2	10 39 36.7404	+43 06 9.26	11.14	ICRS	STAR
PN-A66-36	13 40 41.3437	-19 52 55.32	11.57	ICRS	STAR [PL
HD26847	04 14 15.7820	-12 44 21.68	10.55	ICRS	STAR [PL
HD107066	12 01 28.7688	18 47 5.48	12.2	ICRS	STAR [PL

Target Name RA DEC Ignore Column Ignore Column Ignore Coli

Cancel Import

Target Import

- APT will read the file and populate the fixed target section for you, filling in values for Target Name, RA, Dec, Uncertainty, Proper Motion, & Epoch
- You still have to populate the Category and Description fields and run Target Confirmation

JWST Draft Proposal (Unsaved)

- ▶ Proposal Information
- ▶ Targets
 - ▶ Fixed Targets
 - 1 GJ-398.2
 - 2 PN-A66-36
 - 3 HD26847
 - 4 HD107969
 - 5 LSS-1362
 - 6 PN-A66-78
 - 7 NGC1360
 - 8 NGC7094
 - 9 PN-K-1-16
 - 10 NGC6853
- Observations
- Observation Links

1 GJ-398.2 of JWST Draft Proposal (Unsaved)

Number	<input type="text" value="1"/>	
Name in the Proposal	<input type="text" value="GJ-398.2"/>	<small>(unique within proposal)</small>
Name for the Archive	<input type="text"/>	<small>(standard resolvable name)</small>
Category	None Selected	
Description	+/-	
	<small>Choose 1 to 5 items after selecting a category.</small>	
J2000 Coordinates (ICRS)	RA: <input type="text" value="10 39 36.7404"/>	Dec: <input type="text" value="+43 06 9.26"/>
Uncertainty	RA: <input type="text" value="0.1"/> <input type="text" value="Arcsec"/>	Dec: <input type="text" value="0.1"/> <input type="text" value="Arcsec"/>
Extended	Unknown <small>Recommended for spectroscopy (for advice to data reduction pipeline)</small>	

Background Target

Observations of this target require companion background observation(s)

Proper Motion	RA: <input type="text" value="14.09"/> <input type="text" value="mas/yr"/>	Dec: <input type="text" value="-25.01"/> <input type="text" value="mas/yr"/>
Epoch	<input type="text" value="2000.0"/>	
Annual Parallax (arcsec)	<input type="text"/>	

Comments