

JWST APT Training Examples and Video Tutorials

The article provides connection to two kinds of training materials, short videos and text walk-throughs of various tasks, that can help users learn how to use APT.

Introduction

Main article: [JWST Astronomers Proposal Tool Overview](#)

See also: [JWST APT Help Features](#)

APT is used by both HST and JWST proposers to plan and submit their observing proposals. There are generic aspects of APT that are used by both branches, and then there are aspects that are specific to one or the other of these missions. Since APT has been around for a number of years on the HST side, there are HST or generic APT training materials and videos available, some of which are general enough to be useful for JWST users as well. However, we have also begun the process of providing JWST-specific training and video materials.

The training materials come in two formats: a) online "text" files with screen shots that walk you through a particular functionality or example in APT, and b) in some cases a short video tutorial that covers the same topic. Currently, 4 video JWST-specific help examples are available, as shown below. See a list of movies below.

Documentation for JWST APT (Updated for APT 25.4.2)

Title	Text	Movie Length
Getting started with JWST APT	Yes	11:13
General Overview of APT GUI	Yes	5:00
Target Ingest	Yes	-
Running the APT Visit Planner	Yes	7:34
Running Smart Accounting	Yes	-
Adding Special Requirements in APT	Yes	2:39
Assigning Position Angles	Yes	-
Specifying Mosaics in APT	Yes	4:30
Resolving Scheduling Problems with JWST Mosaics	Yes	-

APT Training materials written for HST (but useful for JWST)

Title	Text	Movie Length
Using the Find feature	-	3:30
Reviewing Errors and Warnings	Yes	4:30
The Differencing Tool	-	5:30
How to use the MAST Portal from APT	-	7:00
How to export Exposure Maps	Yes	-
How to retrieve minor body orbital elements from Horizons	-	2:00

Aladin interface training materials written for HST (but useful for JWST until they can be redone)

Aladin is the tool for visualizing observations in APT.

Title	Text	Movie Length
Using HLA with Aladin	Yes	3:30
Aladin Overview in APT: part 1	Yes	4:06
Aladin Overview in APT: part 2	-	5:43
Using Aladin and APT Visit Planner Together	-	6:10
Using the Aladin Multiview Function	-	1:30

Additional JWST-specific help examples and video training support is in the planning stages and will be added as they become available.

If you have specific suggestions for additional help support that is needed, we suggest providing this input via the [JWST Help Desk](#).