

PRISM SDW Launch Guide

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General

This document is a short guide on launching the M11 Study Definitions Workbench (SDW) application from within the precisionFDA environment.

Login

Login to the precisionFDA environment in the normal manner using your normal username, password and 2FA mechanism.

Launch the M11 SDW Application

Once logged in access the SDW application via ...

Something needed here to get to the following web page. Need something to be setup by the precisionFDA folks. I currently use a link.

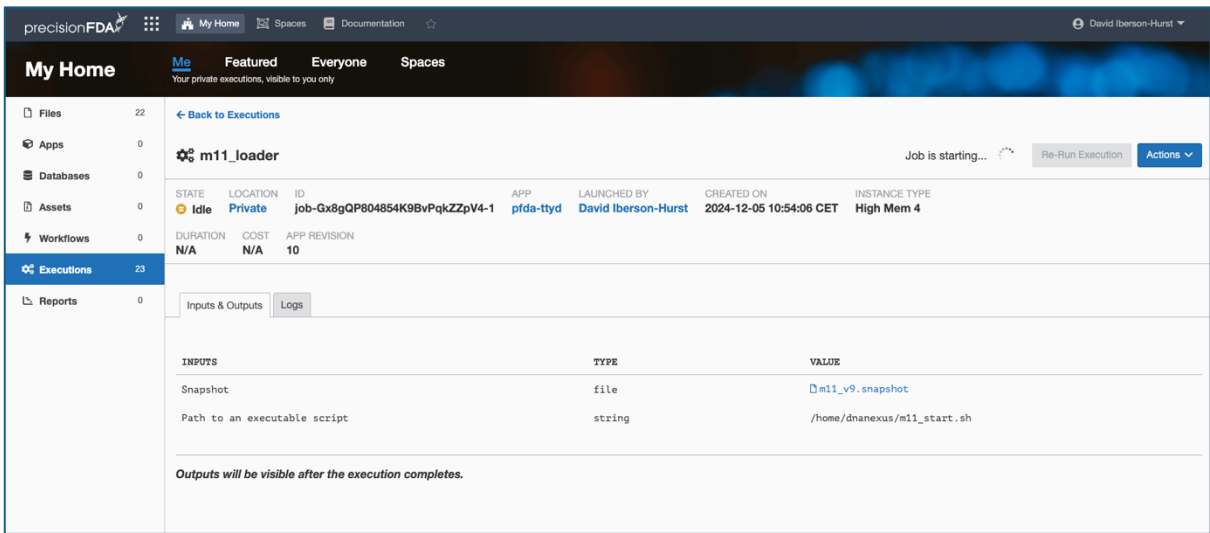
You should see the following page.

The screenshot shows the 'precisionFDA' 'My Home' dashboard. On the left is a sidebar with navigation links: Files (22), Apps (0), Databases (0), Assets (0), Workflows (0), Executions (22), and Reports (0). The 'Apps' link is selected. The main content area is titled 'My Home' and includes tabs for 'Me', 'Featured', 'Everyone', and 'Spaces'. Below these tabs is a 'Run App' button and a 'Run App: pfda-tytd' header. The configuration section is divided into 'CONFIGURE' and 'INPUTS' sections. The 'CONFIGURE' section has four required fields: 'Job Name' (m11_loader), 'Execution Cost Limit (\$)' (2), 'Context' (Private), and 'Instance Type' (High Mem 4 0.948\$/hour). The 'INPUTS' section has a 'Snapshot' section with a '1 File Selected' button and a 'Clear' button, and a 'Path to an executable script' section with a text input field containing '/home/dnanexus/m11_start.sh'. At the bottom of the configuration section are two buttons: 'Run App' and 'Add batch'.

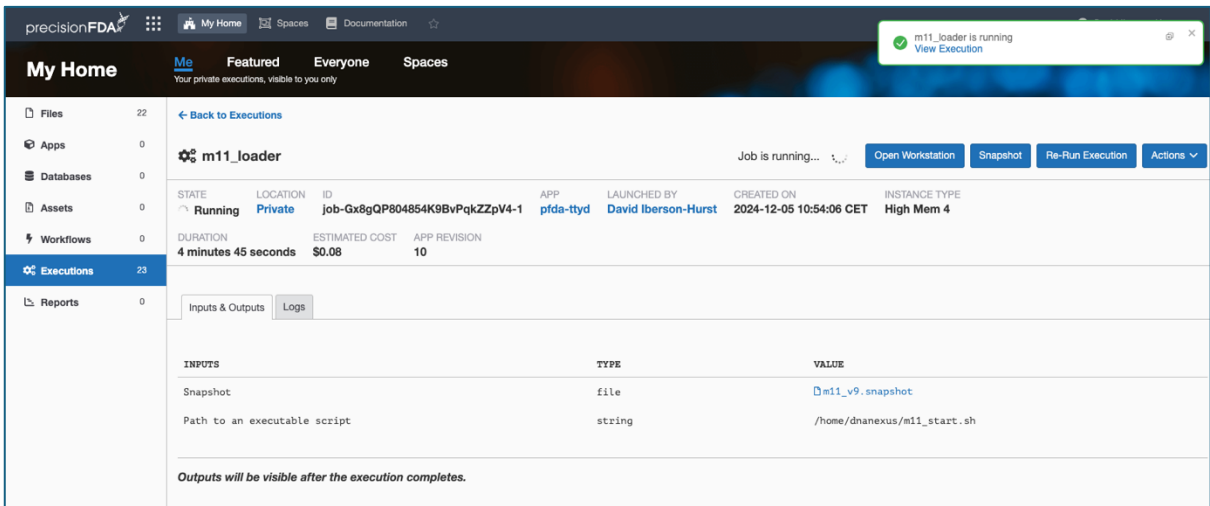
Click on “Run App” button (bottom left) to start the application launch process.

M11 SDW Application Execution

A virtual server will be launched running the M11 SDW application. The following page should be seen.



Once the server is running additional buttons and a pop-up will be displayed. Launching the server may take several minutes (typically 3 or 4 minutes).



Click the “Open Workstation” button (top right) to enter the server environment.

A new tab will be opened in the browser displaying a terminal interface. A prompt will be displayed.

1. Respond “y” to the first prompt.
2. A second prompt will be displayed.
3. Choose either “private” or “space” as desired.
4. A list of directories will be displayed.
5. Enter the id of the folder to be copied at the third prompt.
6. Finally, a URL will be displayed

The SDW application is single user version of a web server application and therefore needs to run on a virtual server within the precisionFDA environment. This virtual server does not have access to your workspace or any shared spaces so, for the application to have access to the desired files, there is a need to copy the contents you select to the virtual server.

NOTE: We may make this part of the application in the future to make the launch process smoother.

The terminal page should look something like the following once you have responded to all the prompts. Note the final URL.

```
Welcome to the M11 Study Definitions Workbench.

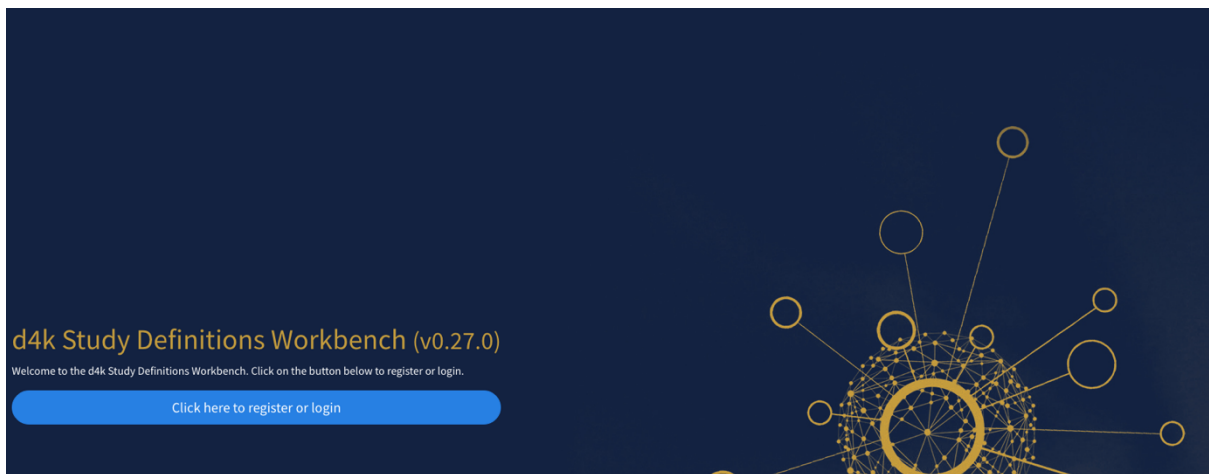
Would you like to load a folder of data? If no, only example data will be available. [y/n] y
Would you like to load a folder of data from Private or a Space? [Private/Space] private
id      name      type      added_by
8539458  Sanofi  Folder  David Iberson-Hurst
8539459  Lilly Diabetes Folder  David Iberson-Hurst
8539460  Lilly LZT Folder  David Iberson-Hurst
8539461  Alexion Folder  David Iberson-Hurst
8539507  M11 Folder  David Iberson-Hurst
8557402  FHIR Folder  David Iberson-Hurst
Provide a folder id number to load: 8539507
Your Selected folder is being loaded: 8539507

Access your M11 Workstation, paste the following link into a new tab:

https://job-Gx8gQP804854K9BvPqkZZpV4.dnanexus.cloud:8080

root@job-Gx8gQP804854K9BvPqkZZpV4:~#
```

Copy the URL and paste into the address bar of a new tab within your browser. The application splash page will be displayed.

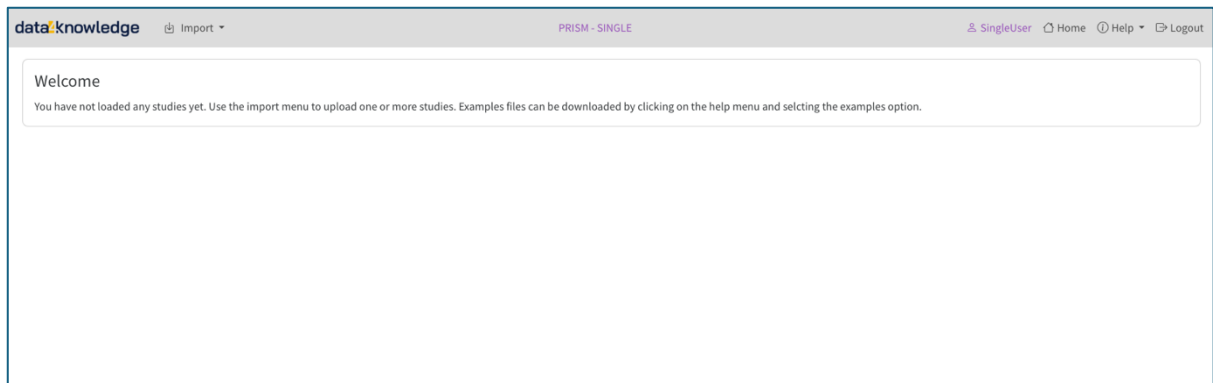


The version number may change in the future as updates are made to the application.

Click on the large button. A user page will be displayed. Note the legend in the middle top stating “PRISM” and “SINGLE” denoting the application detecting it is running within the precisionFDA environment in single user mode.

A screenshot of the d4k Study Definitions Workbench user interface. The top header bar is grey and contains the "dataknowledge" logo on the left, "PRISM - SINGLE" in the center, and user navigation links ("SingleUser", "Home", "Help", "Logout") on the right. The main content area is white and divided into three sections. The left section, titled "User Details", shows "Your details" with fields for "Email" and "Display Name" (containing "SingleUser"). Below this is a "Display Name" section with a prompt to "Update your display name", the current "Display Name: SingleUser", an input field for "Enter a new display name", and an "Update Display Name" button. The right section, titled "Current Endpoints", shows "A list of the current available endpoints" (which is empty). Below this is an "Add Endpoints" section with a prompt to "Add an endpoint", fields for "Endpoint Name" (with a placeholder "Enter a name for the server") and "Endpoint URL" (with a placeholder "Enter the url for the server"), and an "Add Endpoint" button.

Click on either the “Home” button (top right) or the logo (top left) to go to the home screen.



Because the application is launched every time the application will not contain any data.

Please refer to the general user guide for the SDW application for further directions on using the SDW application.