

Germplasm List Browser Tutorial

The Germplasm List Browser is a tool that can be used to browse through the different lists of germplasm descriptors stored in the Integrated Breeding Database (IBDB). Details of each individual list is displayed, as well as the list of germplasms included in each list.

This tutorial discusses how to start and use the Germplasm List Browser. As of this writing, the latest version of Germplasm List Browser is 1.1.2.3.

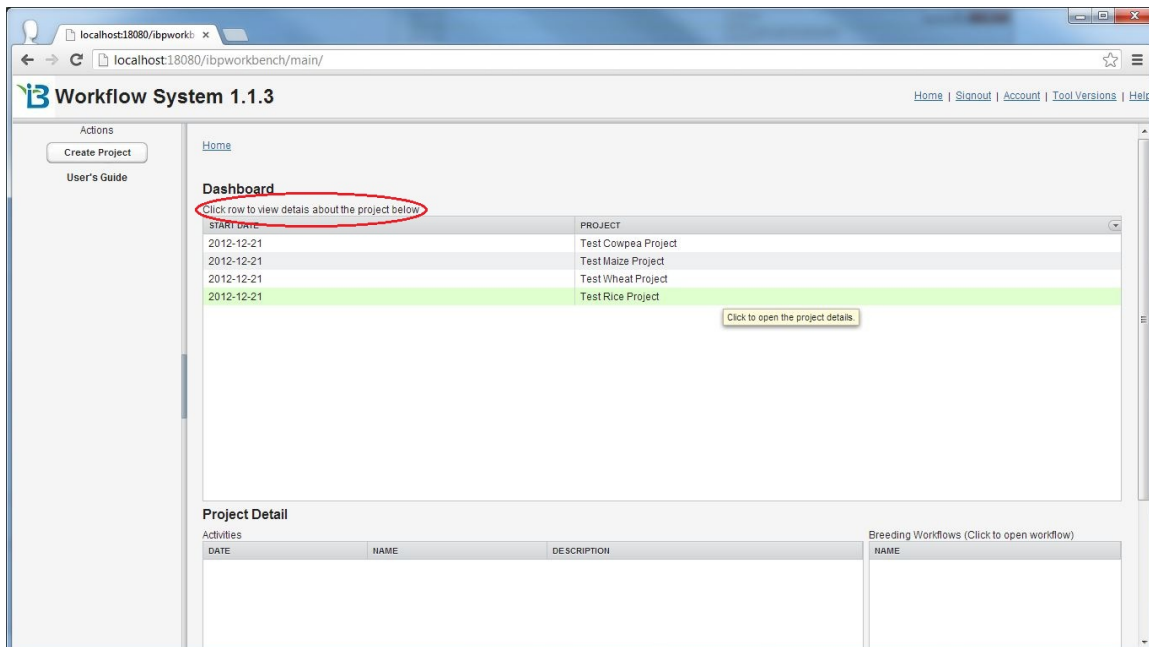
Starting up the Germplasm List Browser

The Germplasm List Browser can be launched from IB Workflow System (Workbench). Follow the steps listed below to launch the browser:

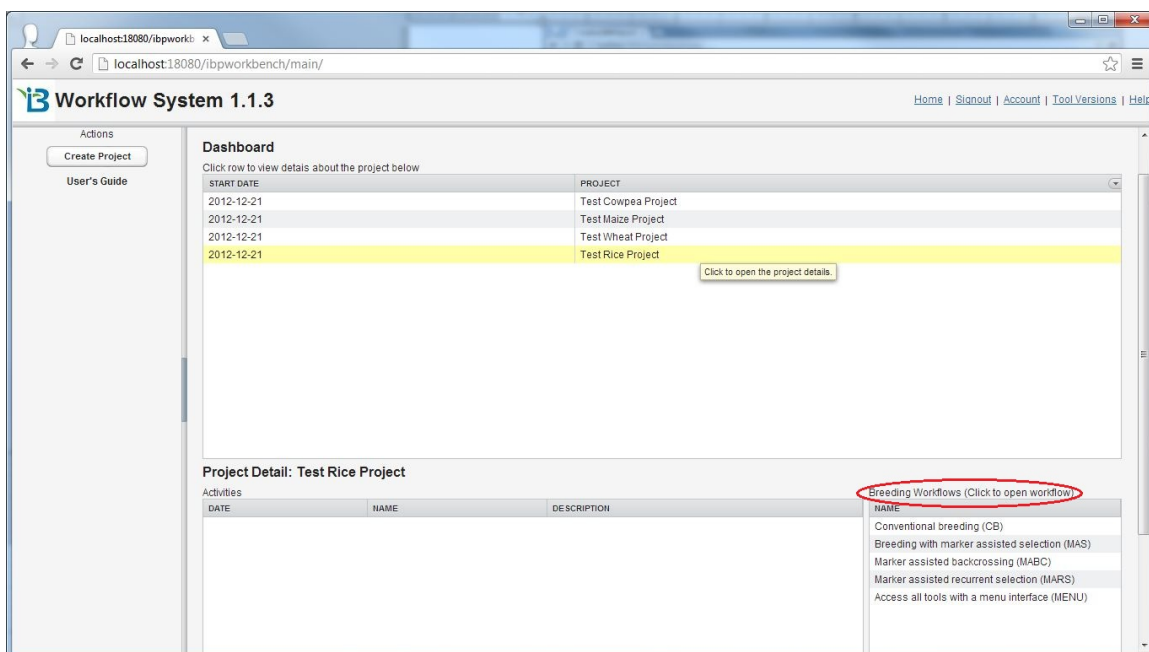
1. Log on to the IB Workflow System with your given user name and password.



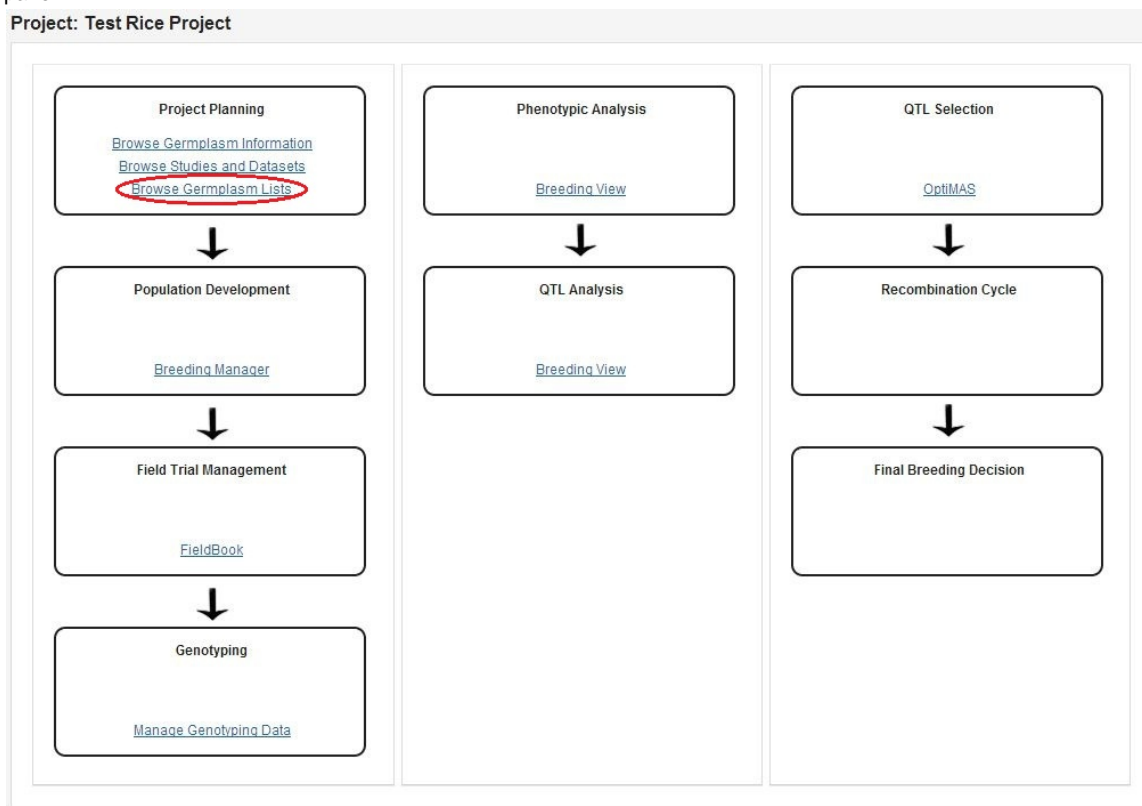
2. Choose a project from your list if there is any, or create a new project (this is covered separately in the Workbench Tutorial) if there is none.



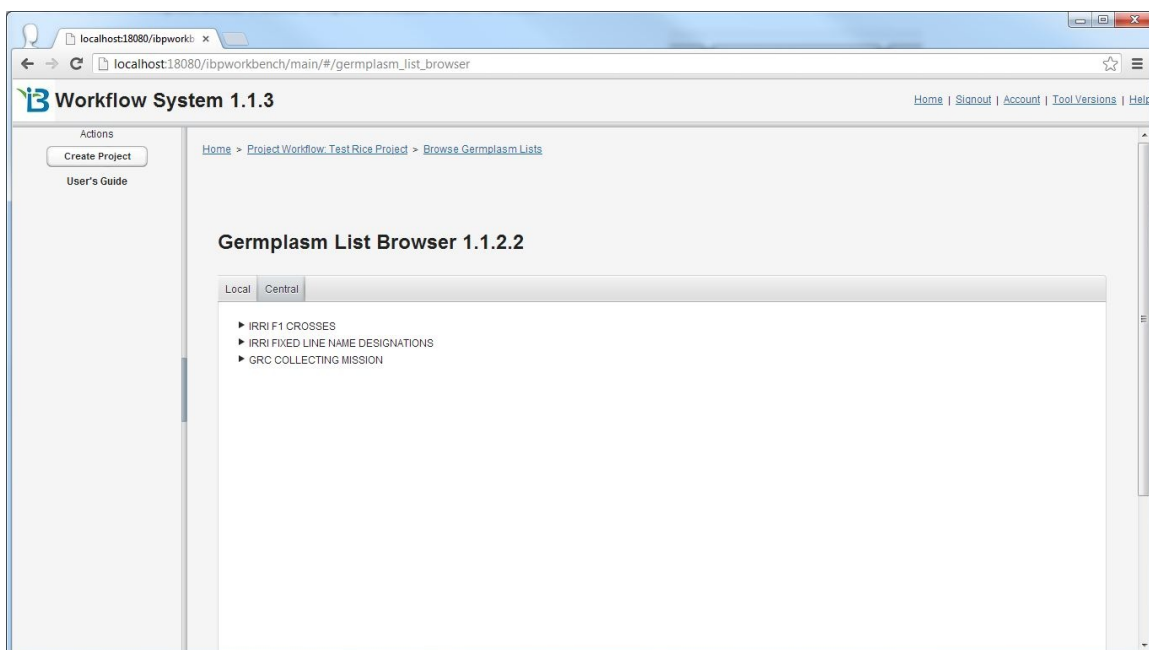
3. In the Breeding Workflows pane of the Project Details section, you will see all the available workflows for the chosen project. Click on a workflow to view its details.



For example, you will see this diagram when you click the "Marker assisted recurrent selection (MARS)" link on the Breeding Workflows pane:



- Click either the **Germplasm List Browser** or **Browse Germplasm Lists** links from the available workflows and you will then be redirected to the Germplasm List Browser application:



You may now start browsing Germplasm Lists.

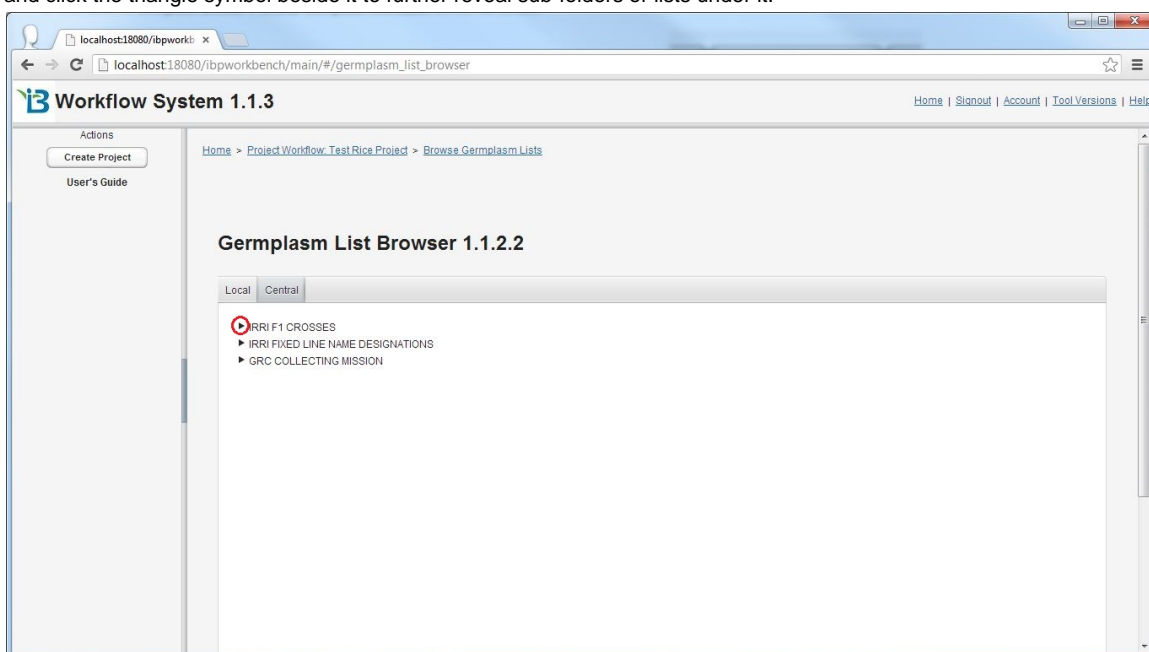
Browsing Germplasm Lists

You can choose between the **Central** tab and the **Local** tab when browsing all the available Germplasm Lists in the database.

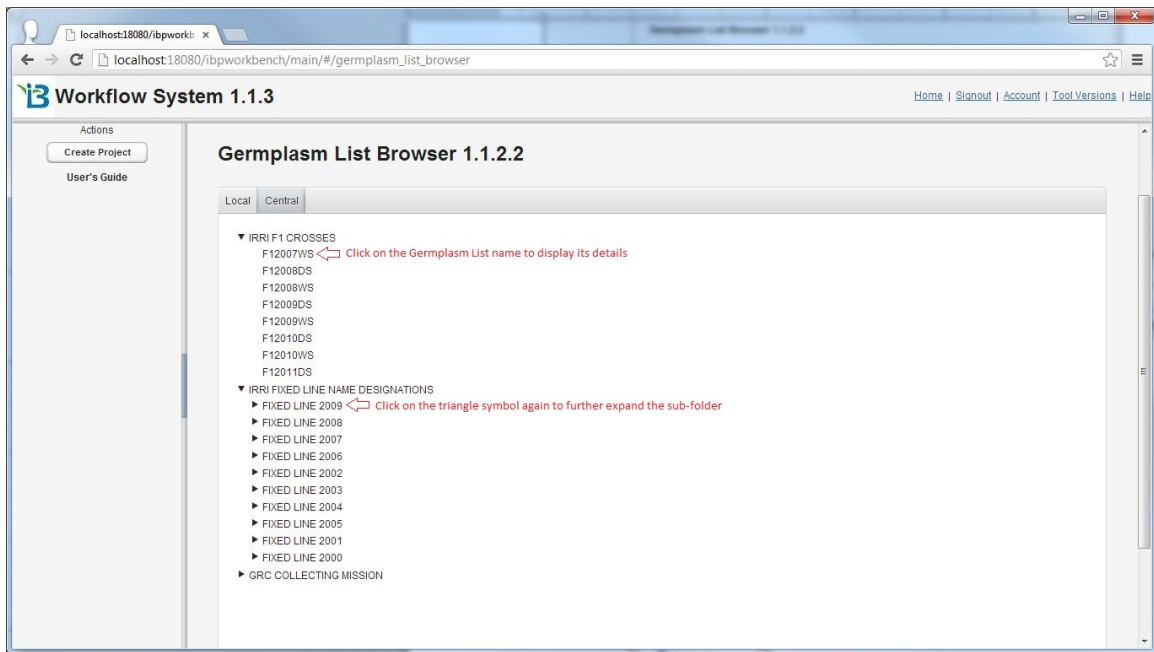
Central Tab

This tab displays Germplasm Lists stored in the crop's central IBDB instance.

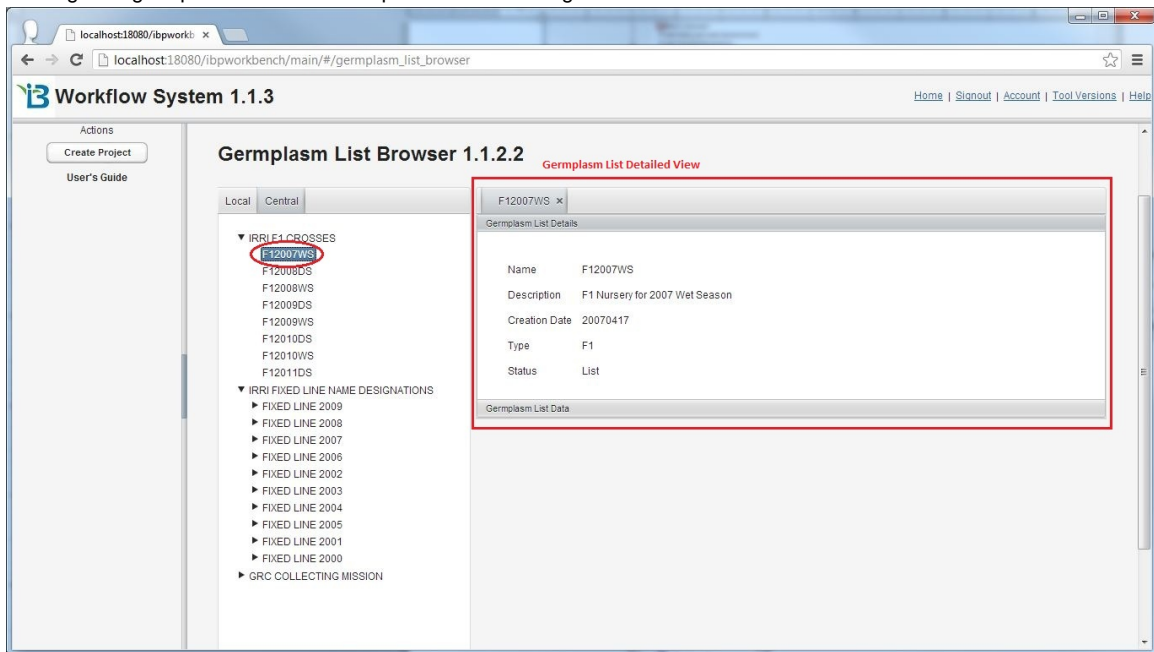
1. Upon clicking the Central tab, a list of germplasm lists or folders containing germplasm lists will be displayed. Choose a folder of interest and click the triangle symbol beside it to further reveal sub-folders or lists under it.



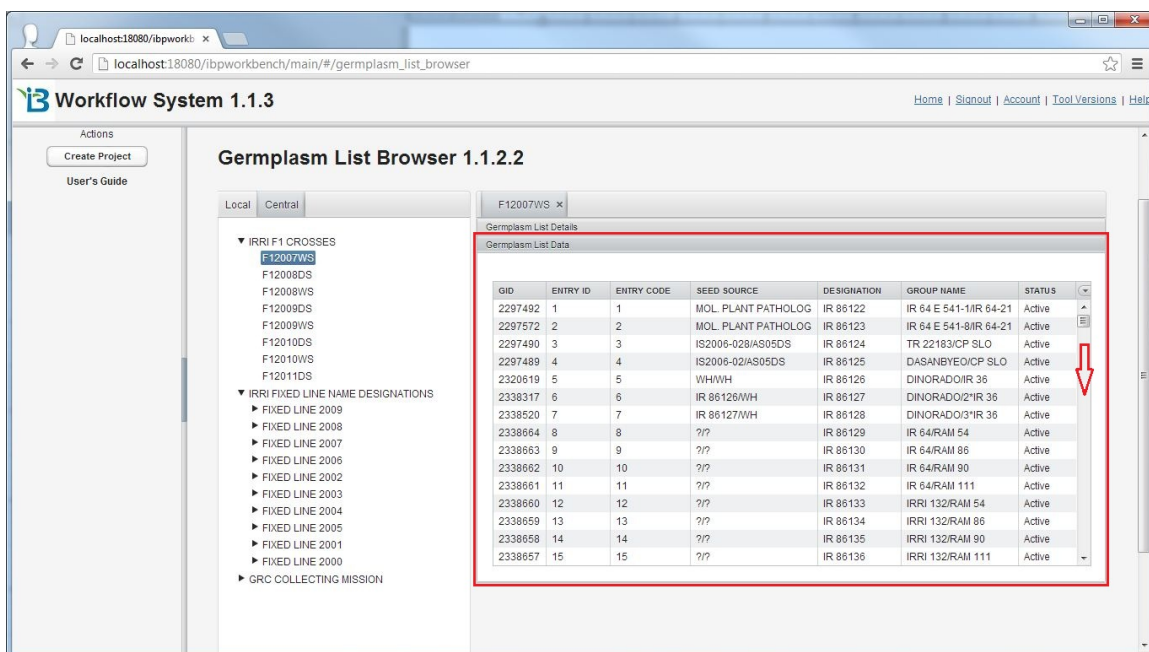
2. Items without triangle symbols beside them are germplasm lists and can be clicked to display the selected list's details. Items with triangle symbols beside them are sub-folders and can be expanded further.



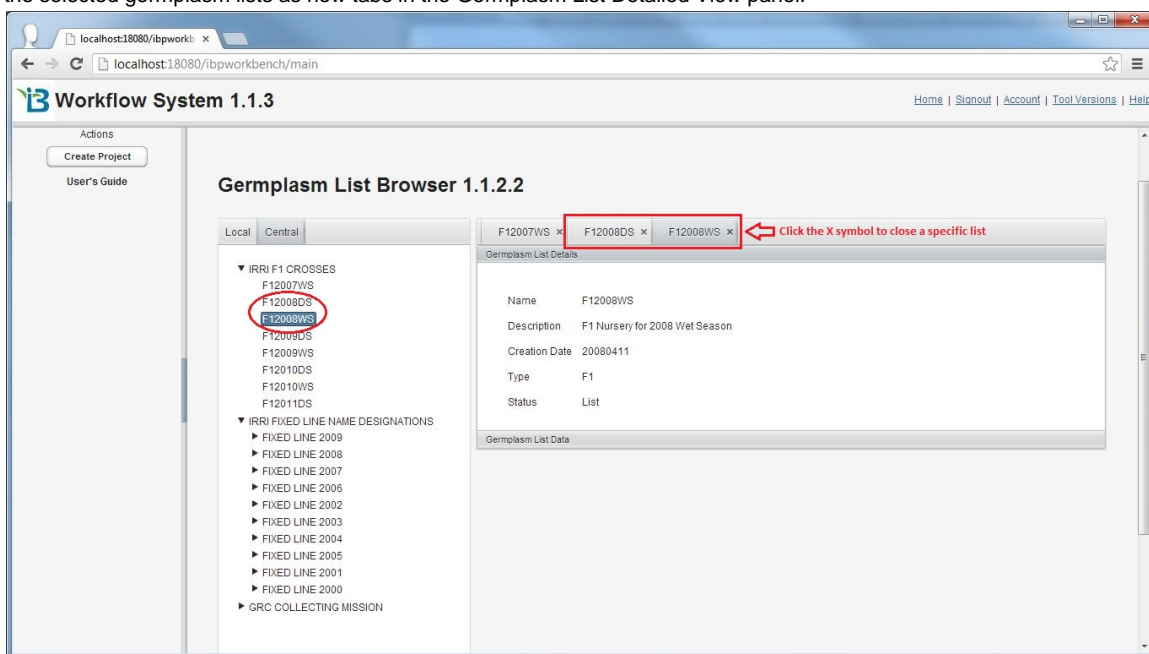
3. Clicking on a germplasm list name will open a tab containing the lists's detailed information.



4. The Detailed View opens the **Germplasm List Details** horizontal tab by default. Click the **Germplasm List Data** horizontal tab to display information on all the germplasm entries belonging to the selected list.

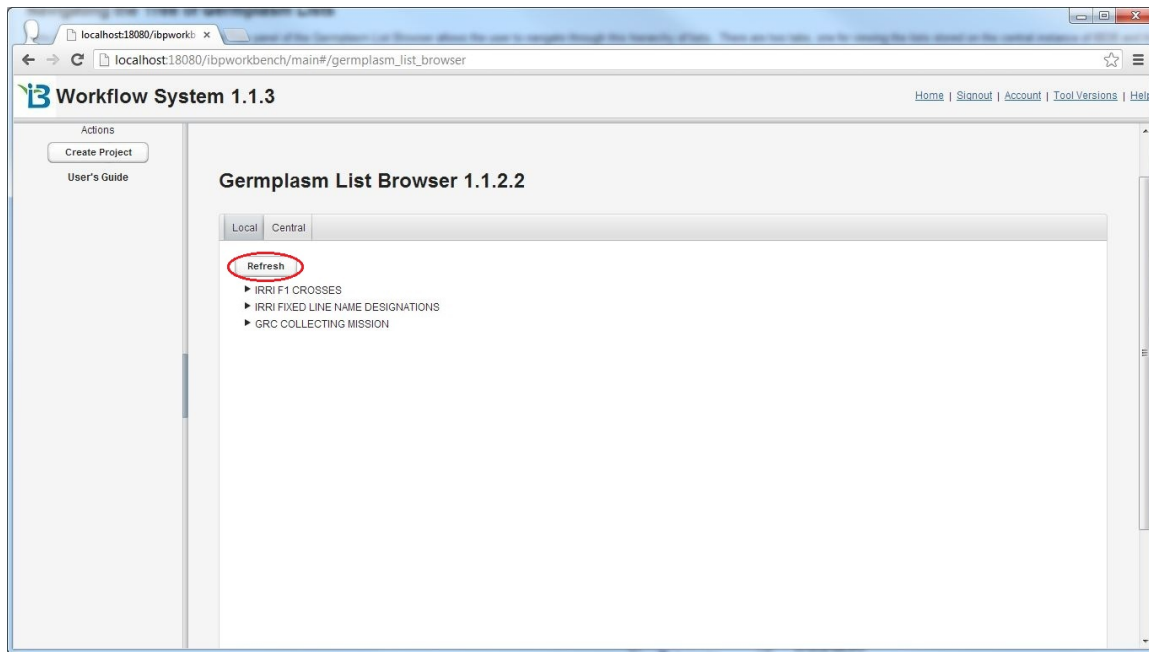


5. You can also open and view more than one germplasm list at a time. Clicking other germplasm list names on the **Central** tab will open the selected germplasm lists as new tabs in the Germplasm List Detailed View panel.



Local Tab

This tab displays Germplasm Lists stored in the crop's local IBDB instance. Navigation through this tab is exactly the same as the Central tab, except that the Local tab has a **Refresh** button that can be clicked to ensure that the germplasm lists retrieved from your local database are up-to-date.



This concludes the tutorial for the Germplasm List Browser Application.