

Research: Help improve GRASS GIS startup mechanism and Data Catalog

Hello GRASS GIS users

Thank you for participating in our survey. Your feedback will help developers to create a better startup mechanism and Data Catalog. The results will be published as a part of a master thesis (<https://github.com/ctu-geoforall-lab-projects/dp-kladivova-2021/>).

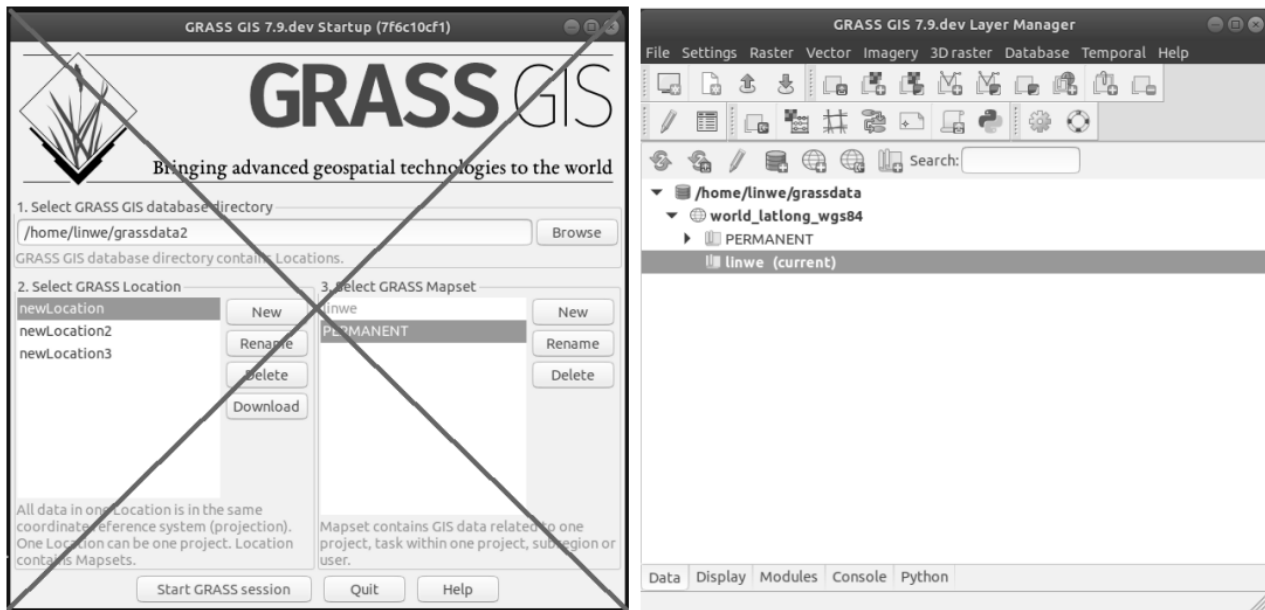
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State of version 7.9 after GSoC

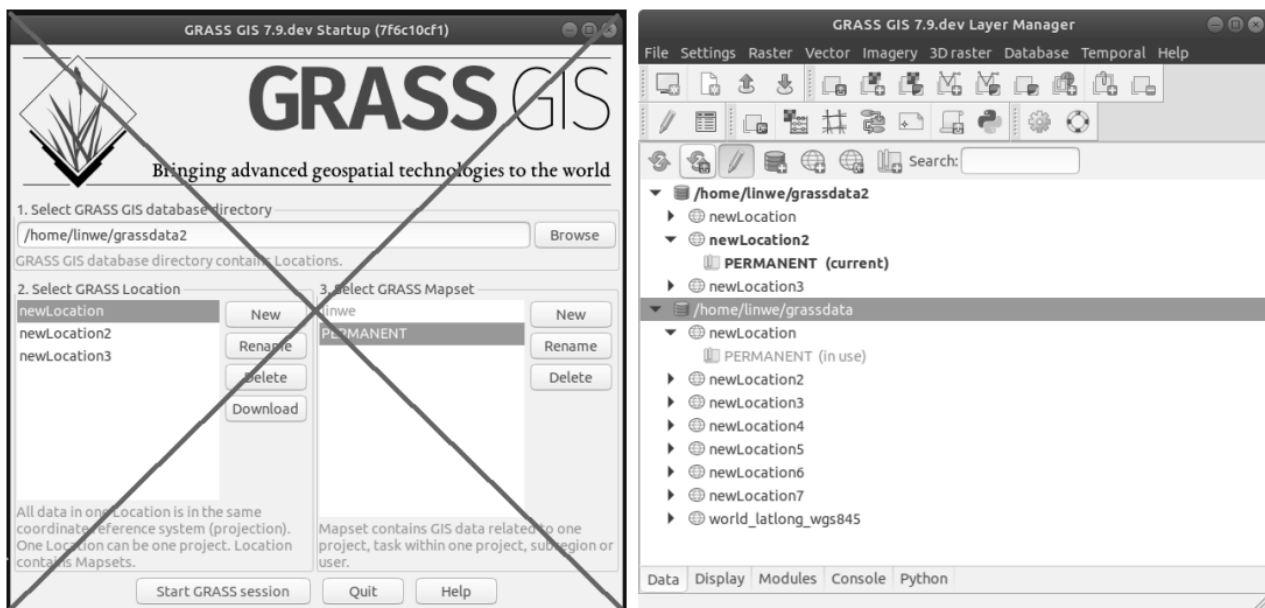
In the development version, the Data Catalog takes over all the functionality of the Startup screen including switching mapsets as well as locations and databases.

In the case of a first-time user, GRASS GIS is launched directly with the Data Catalog visible in a prepared Demolocation. Similarly, GRASS bypasses the Startup screen if possible to start in the last used mapset. However, if a mapset is not in a usable state (was deleted or is used by another process) the Startup screen still appears.

So, we have no more startup screen for a first-time user:



As well as if possible to start in the last used mapset:



* 1. What do you think about the following statement?

The partial removal of the startup screen and improvement of the Data Catalog simplifies the initial introduction to the software and further work.

Strongly disagree Strongly agree

☐

* 2. How do you think GRASS should start when the last mapset is not in a usable state (was deleted or is in use)?

- ☐ I suggest to bypass the startup screen and start in Demolocation.
- ☐ I suggest to show a modernized version of the startup screen in this situation.
- ☐ If not capable, please share your own idea:

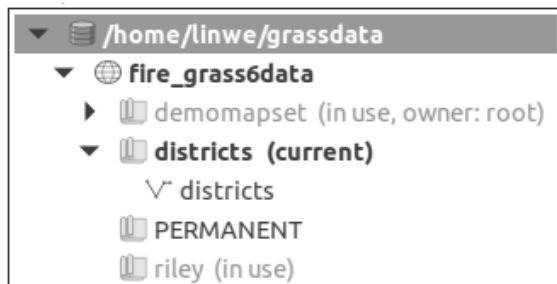
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We can see several changes concerning the Data Catalog. Within graphical changes, we can mention small icons distinguishing mapsets, locations, GRASS databases, and layers (vector, raster). Or you might notice new Mapset access info (current, in use, and a different user).

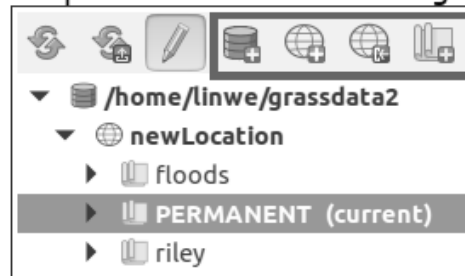
However, there are not only graphical changes but also new functions. We can manage mapsets, locations, and GRASS databases through context menus in Data Catalog. Or we can use for this purpose new management icons.

Let's have a look at all the new stuff:

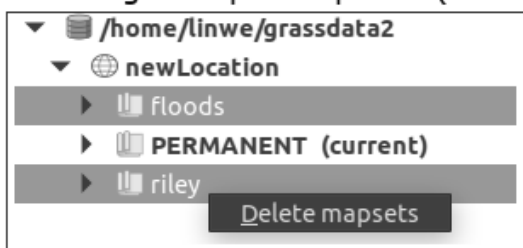
Mapset access info



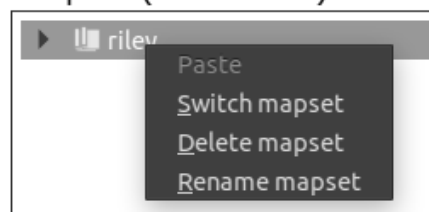
New management icons for adding GRASS database, location, and mapset and for downloading location



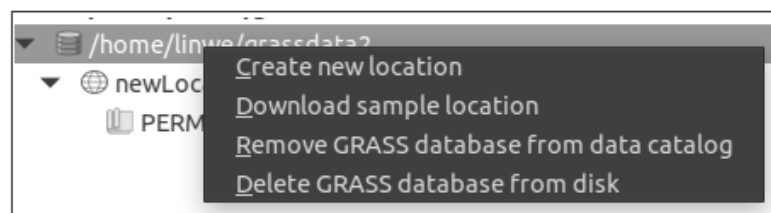
Deleting multiple mapsets (locations)



Creating, renaming and deleting mapset (or location)



Removing GRASS db from Data Catalog / Deleting GRASS db from disk



Adding multiple GRASS databases



* 3. Please, rank how useful these features in Data Catalog would be (or already are) for you (1 = the most useful).



Mapset access info (current, in use, and a different user)



Deleting multiple mapsets or locations



Adding multiple GRASS databases



Creating, renaming and deleting mapset or location



New management icons for adding GRASS database, location, and mapset, and for downloading location



Small icons distinguishing mapsets, locations, GRASS databases, and layers (vector, raster)



Removing GRASS database from Data Catalog / Deleting GRASS database from disk

* 4. Which features would you like to add?

* 5. Because we have limited screen space, we need to think about where we can add new features.

Where would you add them?

- ☐ To context menus in Data Catalog
- ☐ To management icons
- ☐ To both
- ☐ I don't think any features should be added. There is little space for that.

In the development version of GRASS, we can use workspaces. However, the workspace file (.gxw) is not associated with GRASS, so we cannot start GRASS from File Manager.

Strongly disagree Strongly agree

☐

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Thank you for your responses!