

GIS software	Data hierarchy in comparison with GRASS GIS	Has startup screen? Is always displayed? How does it look like?	Features enhancing first-time user experience
QGIS 3.14	<p>Project file (.qgz) - as GRASS workspace (.gxw)</p> <p>Project contains layers</p> <p>Layers in one project do not have one clearly defined directory as it is in GRASS GIS</p>	<p>Yes, always displayed. It has a startup screen but not as a separate dialog box. The News and selection of project are part of the main software window.</p>	<p>Welcome to QGIS window referring to QGIS website</p> <hr/> <p>Main software window - informs a user about news</p> <hr/> <p>Infobars - general information and warnings for all users</p>
gvSIG 2.5.0	<p>Project file (.qvsproj)- as GRASS workspace (.gxw)</p> <p>Layers in one project do not have one clearly defined directory as it is in GRASS GIS</p>	<p>No, it does not have any startup screen. When started an empty map window opened.</p>	<p>No features, however everything is quite straightforward.</p>
ILWIS 3.3	<p>The data is similarly to GRASS stored in one place in disk - in the home directory called Data.</p> <p>The imported layer is saved in Data directory as an ILWIS object with the * .ioc extension</p>	<p>No, it does not have any startup screen.</p>	<p>No features.</p>
SAGA GIS 2.3	<p>Project file (.sprj) - as GRASS workspace (.gxw)</p> <p>Displayed layers do not have their given folder. They can be stored anywhere on the disk.</p>	<p>Yes, after the second start of SAGA GIS, a small selection dialog box appears. First start displays blank Map window.</p> <p>Options: Blank page, the last software state, last running projects</p>	<p>No features.</p>