

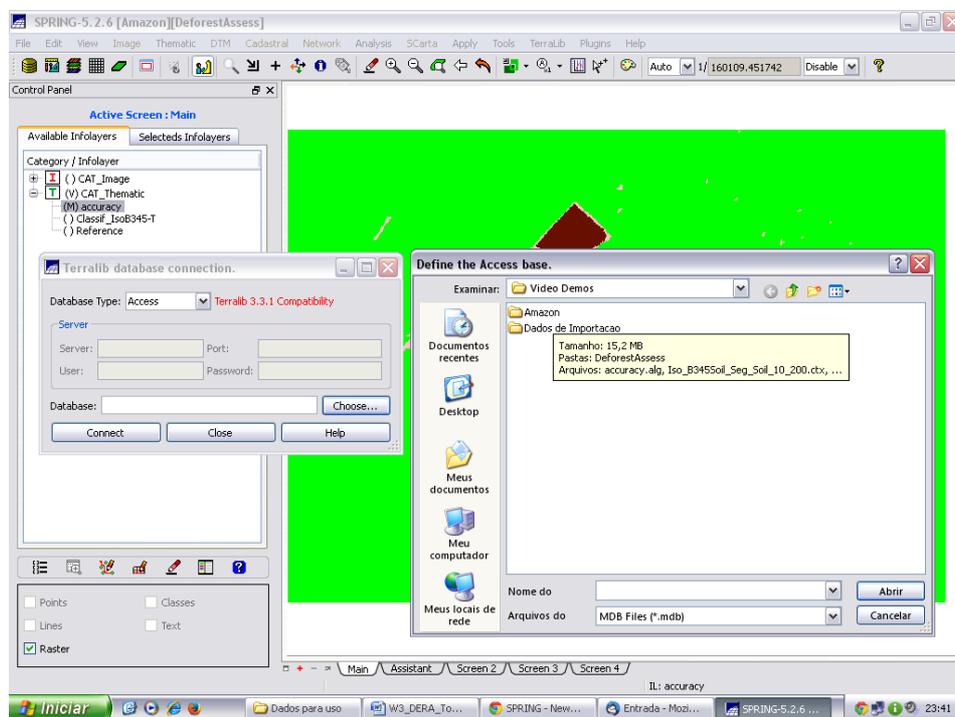
WP3 - DERA

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Expected improvements in DERA version 2 (May 2014)

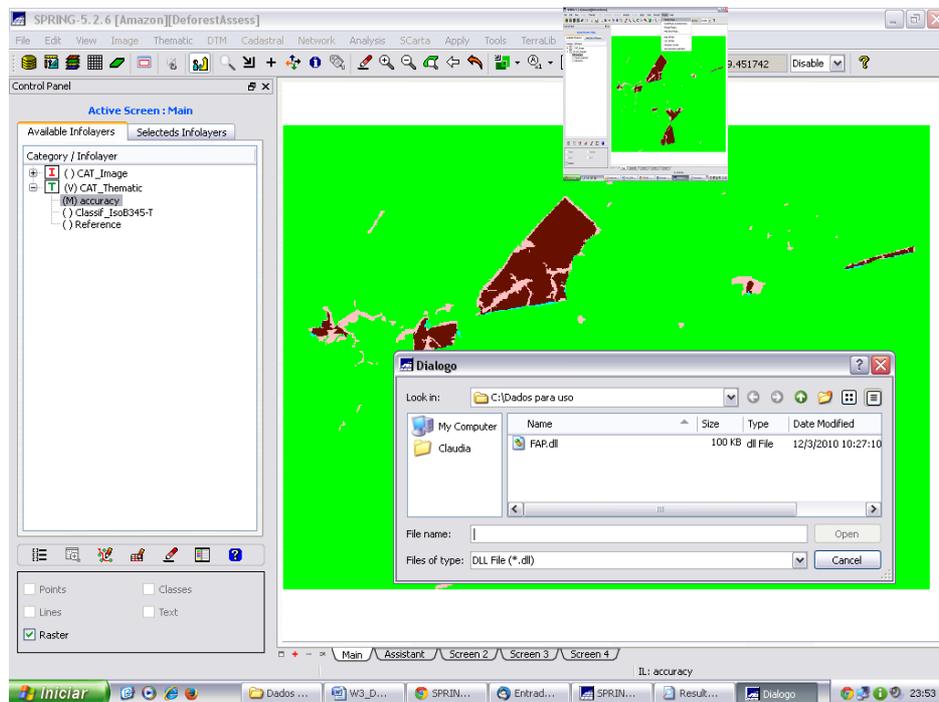
- 1) Implementation of a visualization module for TerraLib databases (themes and views).
- 2) Creation of a tool for saving the Terralib information.



In order to provide greater integration of data from TerraLib database with the SPRING 5.2 a visualization module for TerraLib databases (themes and views) was implemented in this

SPRING 5.2. This tool also provides an option for saving the Terralib information in a SPRING 5.2 database.

3) Development of a plug-in to allow external software developers to create new tools for a software system providing to it new specific functionalities.

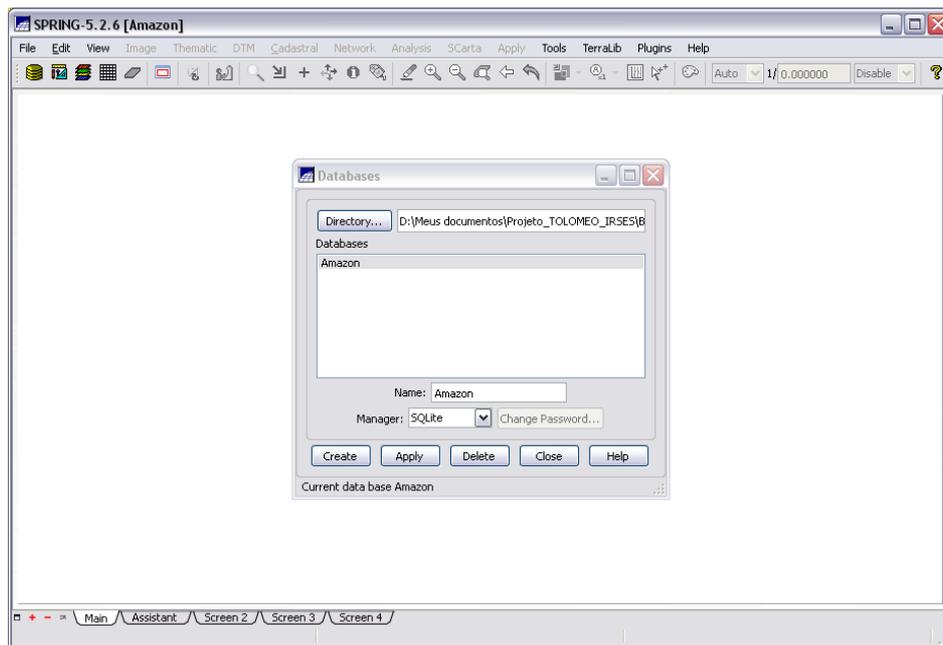


The plug-in echnology allows external software developers to create new tools for a software system providing to it new specific functionalities.

In the SPRING 5.2 was developed a function that allows the user to add plugins. Therefore the user now will be able to add new functionalities to the SPRING according to his needs. Any user also will be able to turn available in the system new functionalities that he seems it is important to share with other SPRING users.

As an example for this new version, we have a plug-in hat makes it possible to access or provide remote data available from WMS and WFS services.

4) Incorporation of other Database Management Systems (DBMS), like SQLITE, which is similar to DBase.



The database manager SQLITE was incorporated into SPRING with the aim of replacing the database manager Dbase, because it had such limited support for 64 bit and it is not freeware.

The SQLITE operation is similar to the Dbase. Among its main features are:

- It is available for 32 and 64 bit environments;
- It does not require the installation of a database manager driver for its use;
- It has its source code available for free;

It provides a viewer to external access to the data tables.