Frequently Asked Questions

FAQ Content

1. Installation

How do I run Delft Dashboard from Matlab?

> *To be able to run Delft Dashboard from the Matlab command line, you need to 'checkout' the Matlab directory of the OpenEarthTools repository. Guidelines on how to do this can be found on OpenEarth developer in five easy steps. After downloading the OpenEarthTools, add them to the Matlab path by running oetsettings.m from the OpenEarthTools/Matlab directory. Consequently, startup Delft Dashboard by typing ddb or DelftDashboard from the command line.*

What are the minimum system requirements for a PC to be able to install and run Delft Dashboard?

> *Dashboard is developed and tested on WindowsXP and Windows 7. It may also run on older versions of Windows, but this is not tested.*

I have problems getting Delft Dashboard to run behind a proxy. How can I solve this?

> *In order to get Delft Dashboard working with proxy servers. Replace the following:*
>
> *ddb_urlwrite*
> *with*
> *urlwrite*
>
> *In the following paths:*
> *matlab\applications\DelftDashBoard\main\data\ddb_getToolboxData.m*
> *matlab\applications\DelftDashBoard\main\data\ddb_getXmlData.m*
>
> *matlab\applications\DelftDashBoard\main\initialize\ddb_findBathymetryDatabases.m*
> *matlab\applications\DelftDashBoard\main\initialize\ddb_findShorelines.m*
> *matlab\applications\DelftDashBoard\main\initialize\ddb_getCoordinateSystems.m*
>
> *matlab\applications\DelftDashBoard\main\operations\ddb_dmSelector.m*
>
> *matlab\applications\DelftDashBoard\toolboxes\NavigationCharts\ddb_NavigationChartsToolbox.m*
>
> *matlab\applications\DelftDashBoard\toolboxes\ObservationStations\getndbcstations.m*
>
> *matlab\applications\SuperTrans\conversion\convertCoordinates.m*
>
> *On top of that, you can specify your proxy in Matlab Home / Preferences / Web / Internet Connection.*

2. Model Maker Toolbox

No QA yet.

3. Other toolboxes

No QA yet.

4. Other questions

How do I obtain writing permissions for Delft Dashboard?

> *To allow Delft Dashboard to run on your system with the appropriate permissions in the default directory, do the following:*

1. *Run the CMD prompt as Admin (in the search folders and files, type in CMD and then right click on the CMD icon that appears and select 'run as administrator') , then the following:*
    a. *cd <dir with msi file in>*
    b. *At the command prompt type: msiexec /a <your.msi> (name of your msi file)*
    c. *The program will now install. Or, if you have already installed it, the installation window will flash up and then close again.*
2. *Go to the Start Menu and find the 'Delft Dashboard.exe' icon*
    a. *Right click and select 'Run as Administrator'.*
    b. *You now have a fully functional Delft Dashboard, installed to its default folder with the required permissions to work properly.*

Is there any documentation available on Delft Dashboard?

> *Currently, some documentation is available, but we are working on it. For the moment, please have a look at the Delft Dashboard we binar for a first introduction into the tool or the manual. In February 2020, our Delft Dashboard paper came out in the Journal of Hydroinformatics.*

Are the datasets used in Delft Dashboard open source?

> *The datasets that are now in Dashboard are open source and free for use.*

How can I add my own (bathymetry) datasets to Delft Dashboard?

> *If you have open data that you think is useful for Delft Dashboard users, please let us know, then we will add this data to our OpenDAP server and link it to Dashboard. If you want to add your own bathymetry data (and not open it up for everybody, because it is confidential for example), you need to tile your bathymetry data using the Bathymetry toolbox in DelftDashboard (supports ASCII data). Once the data is tiled, you need to refer to this dataset in the file bathymetry.xml, which you can find in the Delft Dashboard data directory.*

Does Delft Dashboard support curvilinear grids?

> *Although it is not possible to create curvilinear grids with Delft Dashboard, the program supports operations on curvilinear grids that have been created separately with RGFGRID. These grids can be loaded into Delft Dashboard.*

Does Delft Dashboard support flexible mesh (unstructured) grids?

> *This functionality is not fully supported yet. We are working on the implementation of the new Delft Flexible Mesh (FM) model, but this is still under development.*

Does Delft Dashboard support plotting in Google Earth?

> *Delft Dashboard is mainly a pre-processing tool and not really focusing on post-processing. For post-processing in Google Earth we refer to the GooglePlot (Matlab) toolbox that is available under OpenEarthTools.*