Delft Dashboard

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What is Delft Dashboard?

Open source (part of OpenEarth suite)

Matlab based

Model interface, to quickly set up models for:
- Delft3D-FLOW
- Delft3D-WAVE (under development)
- XBeach (under development)
- D-Flow FM (under development)
- Possibly other models

Using online available data
- Bathymetry (GEBCO, SRTM etc.)
- Tide models (TPXO)
- Tide stations (IHO, XTide)
- Aerial imagery (Bing Maps)

Most data stored on the Deltares OPeNDAP server

Supports hundreds of coordinate systems
Toolboxes

- Model Maker
- Tsunami (presented in next months by Deepak Vatvani)
- Tropical cyclone
- Tide stations
- Tiling toolbox (for adding new bathymetry databases)
- Nesting
- Domain decomposition
- etc
• How to install Delft Dashboard
• Overview available toolboxes and databases

• Demo 1: How to setup a Delft3D FLOW model using online available data sources:
  • Bathymetry data (e.g. GEBCO, SRTM)
  • Boundary conditions (TOPEX / Poseidon database)

• Demo 2: Nesting toolbox, for easy nesting between models
• Demo 3: Domain Decomposition (DD) toolbox

• Questions?
Installation

Matlab source SVN
http://publicwiki.deltares.nl/display/OET/OpenEarth

Executable
http://publicwiki.deltares.nl/display/OET/DelftDashboard

Forum
http://oss.deltares.nl