MIKE URBAN CS/MOUSE Tools

MergeERF

Note on the MergeERF tool

DHI headquarters
Agern Allé 5
DK-2970 Hørsholm
Denmark

+45 4516 9200 Telephone
+45 4516 9333 Support
+45 4516 9292 Telefax

mike@dhigroup.com
www.mikepoweredbydhi.com

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1 The MergeERF Tool

The following is a brief note describing the functionality of the 'MergeERF' tool released with MIKE URBAN 2011.

1.1 Background

Statistics from a Long Term Statistics (LTS) simulation are stored in an ERF-file. The file stores e.g. extreme statistics based on user input from the ERS-file.

In some situations a LTS simulation is later extended to cover a longer period. In order to avoid having to rerun the first part of simulation again the MergeERF tool can be used to merge to ERF-files created from to consecutive LTS simulations.

1.2 Usage

The converter is found in the 'Conversion Tool'-directory of the MOUSE/MIKE URBAN installation, from where it may be copied to different directories.

When executed the below dialog is displayed.
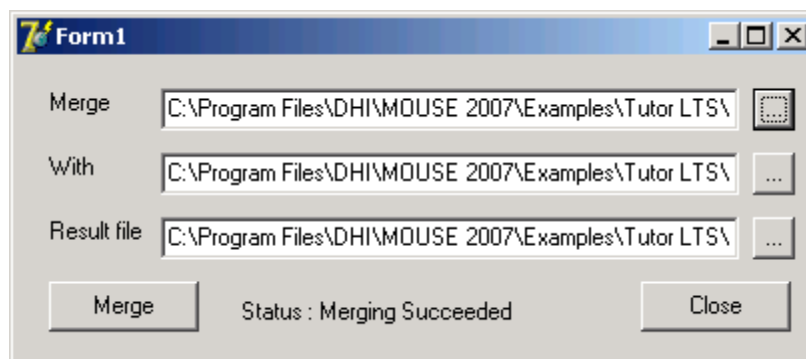
In the first field specify the ERF-file generated with the first simulation and in the second field the ERF-file generated with the second simulation. Finally specify a new filename for the combined ERF-file.

To execute the tool press the "Merge" button. Once the Status has changed to "Merge Succeeded" the tool can be closed and the new ERF-file loaded in MIKE View.

1.3 Details on the Conversion

It should be noted that the merge functionality only works on hydraulic results and any AD results saved in the original ERF-files will be ignored in the merged version.

It is assumed that the two LTS simulations have been simulated with the same setup and the same ERS-file. The simulation periods should be adjacent and not overlapping.