6. Gridded Data Transfer

Summary

How do we provide time dependent gridded data transfer between components?

Unknown macro: 'graphviz'

Example

Rainfall Database to a Runoff model

Source Component

Database

- Gridded data
    - Regular mesh Xo,Y0,dx,dy,Nrow,Ncol,
    - Precipitation in each 'cell'
    - Time varying

Mapping

Can be either

- Integrated into source component
- Integrated into target component
- 3rd party OpenMI component
    - PCRaster
    - ESRI Spatial Analyst

Target component

- Integrated (time series) precipitation over its catchment polygons

How to address in Version 1

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How to address in Version 2

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