

Wikiprint Book

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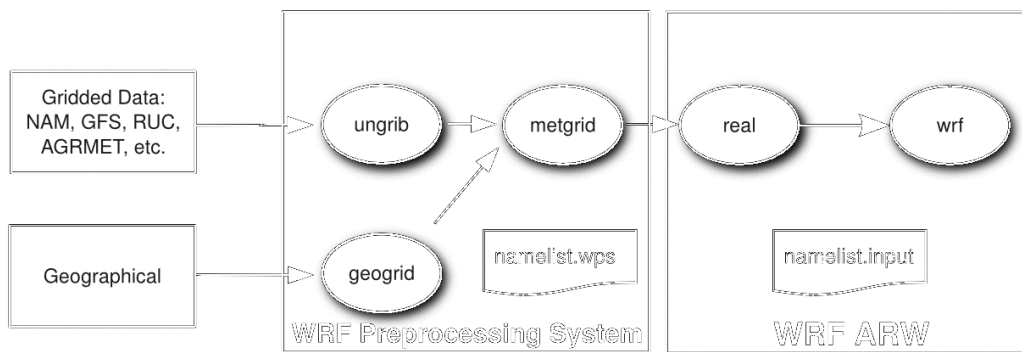
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Introduction

WRF4G is a framework for executing and monitoring the WRF Modeling System (see [?this presentation](#) for an introduction to WRF) on Distributed Computing Infrastructures(DCIs). It provides a flexible and easy way of designing complex experiments involving many simulations (multiple start/end dates, multi-parametric simulations, long climate runs, ...). The monitor allows a precise control of the experiment's state, where broken simulations are automatically detected and relaunched at the next submission.

Given a list of DCIs that the user can access, WRF4G submits the experiment to them according to the experiment needs. Users can configure different DCIs such as local PCs, stand-alone servers, clusters, grid resources, etc. The output files are going to be stored depending on the DCIs used to run the simulations.

The following picture shows the main WRF4G components (see the following [?presentation](#) for further information) and the interaction among them.



Documentation

- [Installation Guide](#)
- [Command Line Interface](#)
- [How to add DCIs](#)
- [How to configure an experiment](#)
- [How to run an experiment](#)
- [FAQ](#)

Problems

If you have any problems, please [?send us a ticket!!](#)