

## **Wikiprint Book**

**Title: Reforecast Tutorial**

**Subject: TracMeteo - WRF4GWRFReforecast**

**Version: 34**

**Date: 07/06/2022 06:38:40 PM**

## Table of Contents

<b>Reforecast Tutorial</b>	<b>3</b>
How to get WRF4G	3
Quick deploy guide	3
Deploy WRF4G	3
Verifying	3
How to configure computing resources	3
How to use WRF4G CLI	3
Creating a WRF experiment	3
How to manage WRF4G errors	3

## Reforecast Tutorial

### How to get WRF4G

The latest official version can get it by direct download [?WRF4G.tar.gz](#). Before you get it, you have to check the WRF4G requirements:

**x86\_64** Linux

```
[user@localhost ~]$ uname -p
x86_64
```

**?Python**, version  $\geq 2.4$  and  $< 3.0$

```
[user@localhost ~]$ python -V
Python 2.7.3
```

See the [installation guide](#) for moreover information.

### Quick deploy guide

#### Deploy WRF4G

Download and unpack the distribution file into the deployment directory (e.g. \$HOME directory).

```
[user@localhost ~]$ cd
[user@localhost ~]$ wget http://www.meteo.unican.es/work/WRF4G.tar.gz
[user@localhost ~]$ tar xzvf WRF4G.tar.gz
```

Setup the WRF4G environment.

```
[user@localhost ~]$ export PATH=$HOME/WRF4G/bin:$PATH
```

In order to avoid typing the export command every time you open a terminal, you should copy it into \$HOME/.bashrc.

```
[user@localhost ~]$ echo "export PATH=$HOME/WRF4G/bin:$PATH" >> $HOME/.bashrc
```

#### Verifying

In order to verify if WRF4G has been deployed properly

```
[user@localhost ~]$ wrf4g_framework start
Starting DRM4G (GridWay) .... OK
Starting WRF4G_DB (MySQL) ... OK
```

#### How to configure computing resources

#### How to use WRF4G CLI

#### Creating a WRF experiment

#### How to manage WRF4G errors