libwrf_coupling

global

Option	Value (Standard)	Range	Description
coupling	1	-1..2	Coupling between WRF and XPN -1: NOAH, WRF structure filled with NOAH values 0: Noah, WRF structure filled with Expert-N values (but no feedback to WRF) 1: Expert-N (without Noah), with feedback to WRF 2: Expert-N only, WRF structure not written by Expert-N vars, WRF - structure has to be written by any other module or by using an cdb input file

Global Options

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WRF Coupling

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use cdb input file	0	0/1	Use cdb input file, to simulate coupling of WRF
WRF Coupling.cdb filename	$<$BASE_PATH/input/$PROJECT_NAME_$REG_STR_hpm_param.cdb$>		Weather Input File Name

Appendix (Templates)

Option	Result (Example)	Description
$<filename.cfg$>	filename.cfg	has no effect in Expert-N it is used to mark files in the GUI
$REG_STR	0_0_0_0	ID - String: consists of nest ID, grid i coordinate, grid j coordinate, Instance number of Expert N in this nest
$ID	0	ID Number of Expert-N (0..N)
$PROJECT_NAME	project1	Name of the Expert-N project (project file without path and file extension)
$BASE_PATH	~/expertn50/built	base path to Expert-N