

ScalES-PPM - Documentation #283

Account for preprocessor directives

09/19/2011 01:16 PM - Thomas Jahns

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| Status: | New | Start date: | 09/19/2011 |
| Priority: | Normal | Due date: | |
| Assignee: | Thomas Jahns | % Done: | 0% |
| Category: | | Estimated time: | 0:00 hour |
| Target version: | | | |
| Description | | | |
| doxygen is currently unaware of preprocessor defines in Fortran code. configure should substitute this in the doxygen configuration file. | | | |

History

#1 - 09/26/2017 03:22 AM - Matthew Krupcale

- File scales-ppm-doxygen-filter-preprocess-f90.patch added

doxygen will not run its built-in preprocessor on the Fortran code because it will only do so on Fortran files with upper-case extensions (i.e. *.F or *.F90). To work around this, I came up with a method which runs the actual compiler preprocessor with relevant preprocessor macro definitions passed on the command line for each Fortran *.f90 file, using the FILTER_PATTERNS tag. See the attached patch. Note that some of the macro definitions are related to the patch in [#347](#), but it should not cause problems having additional definitions passed on the command line which are not used.

Files

| | | | |
|------------------------------------------------|------------|------------|------------------|
| scales-ppm-doxygen-filter-preprocess-f90.patch | 1008 Bytes | 09/26/2017 | Matthew Krupcale |
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