

## ScalES-PPM - Documentation #283

### Account for preprocessor directives

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

<b>Status:</b>	New	<b>Start date:</b>	09/19/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Thomas Jahns	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>			
<b>Description</b>			
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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