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Subject: Results from Rule Checker

Posted by [Florian Uhlig](#) on Fri, 16 Nov 2007 17:40:04 GMT

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Hi

I included the RuleChecker from ITC-IRST in our framework. This Rulechecker is used by all the big LHC collaborations to check their code against their coding conventions. Since some weeks we have the OK to use it too.

As a start i used the rule set from ALICE adapted for Pnd (e.g. Naming convention that classes start with Pnd).

The idea is to run the checks on a nightly basis here at GSI and provide the results on our dashboard webpage. The results for revision 1791 can be found already on the dashboard. Goto

<http://lxg1417.gsi.de:8081/PandaRoot/Dashboard/>

and click on Rule Checker on top of the page.

This brings you to a table where you see the number of violations for the libraries and several rules. If you click on the numbers you go to the file showing all the violations. If you click on the rules you see (guess) the rules.

This should not be the final word about the Rule Checker. This is what we have now. For example all the rules has to be checked and maybe changed or removed, but i think this is a point to start a discussion.

Have a lot of fun with this table.

Ciao

Florian

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Subject: Re: Results from Rule Checker

Posted by [Ralf Kliemt](#) on Mon, 19 Nov 2007 16:07:49 GMT

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Hi,

I attended some of the coding rule validations in the mvd code. Here are some suggestions: The rule GC1 should ignore comments in Front of the first preprocessor command. Is the rule RC10 needed? This means every Task has to come with a copy constructor. The link to the doxygen documentation points to an very old (1.0?) version of pandaroot. I'd like to have a link to the current one there, too.

Kind regards, Ralf.

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