

BornAgain - Refactoring #2234

Fit: Simplify minimizer constructor

29 Nov 2018 09:59 - pospelov

Status: Backlog	Start date: 29 Nov 2018
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
<p>For the moment minimizer initialization string has 3 parameters which allows to set minimizer type, minimizer algorithm and option string</p> <pre>minimizer.setMinimizer("Minuit2") minimizer.setMinimizer("Minuit2", "Migrad") minimizer.setMinimizer("Minuit2", "Migrad", "MaxFunctionCalls=500;Strategy=2")</pre> <p>The problem is that some minimizers has only one algorithm, so the string become</p> <pre>minimizer.setMinimizer("Genetic", "", "seed=1");</pre> <p>Empty string as second parameter looks not very natural and complicates tutorial writing.</p> <p>Suggestion: merge algorithm and option string together.</p> <pre>minimizer.setMinimizer("Minuit2", "Algorithm=Migrad;MaxFunctionCalls=500;Strategy=2")</pre>	
Related issues:	
Related to BornAgain - Refactoring #2476: Fit: catalogize algorithms, not min...	Backlog 14 Jul 2020

History

#1 - 18 Sep 2020 20:09 - wuttke

- Subject changed from Simplify minimizer constructor to Fit: Simplify minimizer constructor

#2 - 18 Sep 2020 20:09 - wuttke

- Related to Refactoring #2476: Fit: catalogize algorithms, not minimizers added