

BornAgain - Refactoring #1366

Feature # 1290 (Rejected): === Core: framework ===

Revise boost libraries usage

04 Mar 2016 13:55 - pospelov

Status:	Resolved	Start date:	04 Mar 2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Check for boost use cases in the code, remove boost dependency where possible			
<ul style="list-style-type: none">• remove boost smart pointers if any [done]• Try to get rid of date_time, filesystem, regex			
CMake [see also #1371]:			
<ul style="list-style-type: none">• remove unnecessary boost libraries from target_link_libraries directives• take care of Windows/MacOS installers to not to include obsolete libraries in the bundle			
The main obstacle to get rid from boost completely will be			
<ul style="list-style-type: none">• boost_geometry (is point inside polygon or not)• boost_iostreams (on the fly gzip and bzip)• program options (nice functionality, but we can live without it)			

History

#1 - 04 Mar 2016 14:05 - jmfisher

As of the merge of swig-bindings into develop, boost::shared_ptr has been replaced by std::shared_ptr throughout

#2 - 15 Mar 2016 08:02 - wuttke

- Description updated

- Parent task changed from #418 to #1290

#3 - 17 Mar 2016 15:48 - jmfisher

boost::scoped_ptr replaced with std::unique_ptr and (where possible) const std::unique_ptr

#4 - 17 Mar 2016 16:18 - jmfisher

boost::regex replaced by std::regex

#5 - 01 Apr 2016 17:05 - jmfisher

boost::bind and boost::function replaced by their C++11 equivalents

#6 - 29 Apr 2016 17:54 - wuttke

- Status changed from Backlog to Sprint

#7 - 29 Apr 2016 17:54 - wuttke

- Status changed from Sprint to Resolved

Good progress has been made, thanks Jonathan. There is no need to get rid of *all* of Boost.

#8 - 11 May 2016 17:34 - wuttke

Only now enacted the deletion of boost components regex and thread in cmake/modules/SearchInstalledSoftware.cmake.

#9 - 11 May 2016 18:10 - wuttke

Migration of regex from Boost to regex is suspended because compilers are not ready. => commit d14b964d17bb