

SEP # : 35 – Selection of the installed headers

Version: 1

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Review:

Commented:

State:

Scilab-Version: 5.2

Vote:

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Abstract

This SEP details the cleanup of the installed headers of Scilab

Rationale

For now, in the binary or packaged versions of Scilab, since the SEP #32, all header files for the dynamic link are installed into a directory.

The problem existed before the implementation of the SEP #32 but has been highlighted since then by the fact that all headers are now in the same directory.

Proposal

The proposal is pretty simple. The goal of this proposal is to completely update the list of the installed headers files and only install headers files which will be used by the toolboxes and the dynamic link features.

List of the installed headers

Core:

modules/core/includes/BOOL.h

modules/core/includes/core_math.h

modules/core/includes/doublecomplex.h

modules/core/includes/freeArrayOfString.h

modules/core/includes/getcommandlineargs.h

modules/core/includes/getos.h

modules/core/includes/getmemory.h

modules/core/includes/machine.h

modules/core/includes/mode_exec.h

modules/core/includes/PATH_MAX.h

modules/core/includes/SCIHOME.h

modules/core/includes/scisparse.h

modules/core/includes/sciquit.h

modules/core/includes/scilabDefaults.h
modules/core/includes/scilabmode.h
modules/core/includes/setgetSCIPath.h
modules/core/includes/stack1.h
modules/core/includes/stack2.h
modules/core/includes/stack3.h
modules/core/includes/stack-c.h
modules/core/includes/stack-def.h
modules/core/includes/stack.h
modules/core/includes/stackinfo.h
modules/core/includes/stackTypeVariable.h
modules/core/includes/version.h
modules/core/includes/warningmode.h

Data API of Scilab:

modules/api_scilab/includes/api_boolean.h
modules/api_scilab/includes/api_boolean_sparse.h
modules/api_scilab/includes/api_common.h
modules/api_scilab/includes/api_double.h
modules/api_scilab/includes/api_int.h
modules/api_scilab/includes/api_list.h
modules/api_scilab/includes/api_pointer.h
modules/api_scilab/includes/api_poly.h
modules/api_scilab/includes/api_scilab.h
modules/api_scilab/includes/api_sparse.h
modules/api_scilab/includes/api_string.h

Call_Scilab (Scilab as a computing engine):

modules/call_scilab/includes/call_scilab.h
modules/call_scilab/includes/CallScilab.h

Dynamic links:

libs/dynamiclibrary/dynamiclibrary.h
libs/dynamiclibrary/dynamiclibrary_others.h (!Windows)
libs/dynamiclibrary/dynamiclibrary_windows.h (Windows)

JVM:

modules/jvm/includes/getScilabJavaVM.h
modules/jvm/includes/getScilabJNIEnv.h
modules/jvm/includes/addToClasspath.h
modules/jvm/includes/addToLibrarypath.h
modules/jvm/includes/getScilabObject.h

Localization:

modules/localization/includes/localization.h
modules/localization/includes/setgetlanguage.h
modules/localization/includes/charEncoding.h

Malloc:

libs/MALLOC/malloc.h
libs/MALLOC/sci_mem_alloc.h (!Windows)
libs/MALLOC/win_mem_alloc.h (Windows)

Mexlib:

modules/mexlib/includes/mex.h
modules/mexlib/includes/sci_gateway.h

Output stream:

modules/output_stream/includes/Scierror.h
modules/output_stream/includes/sciprint.h
modules/output_stream/includes/do_error_number.h

Scicos:

modules/scicos/includes/scicos.h
modules/scicos/includes/scicos_free.h
modules/scicos/includes/scicos_malloc.h
modules/scicos/includes/scicos-def.h

Scicos_blocks:

modules/scicos_blocks/includes/blocks.h
modules/scicos_blocks/includes/scicos_block.h
modules/scicos_blocks/includes/scicos_block4.h

Shell

modules/shell/includes/prompt.h
modules/shell/includes/scilines.h

Time

modules/time/includes/realtime.h
modules/time/includes/timer.h

Note that all the following header files will be installed in the same directory.

Changelog

- 1.0 - Initial version
- 1.1 - Add of libs/MALLOC and libs/dynamiclibrary

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