

Issue #688: Linux symbol export

Description

The cmgui.Makefile has two different methods for controlling exported symbols using cmgui.exports.

One is using a version script, this is the preferred method, but only started working in ld in version 2.12.

The second is by creating a shared_object library that requires the symbols you want, linking against that library and then setting the soname of the executable to be the same as the symbol requiring library so that the library dependency is resolved at runtime without requiring an actual library.

The cmgui.Makefile has a regular expression which tests if the ld version from "ld -v" is recent enough, however the form of that string has had some adjustments and the use of \d and \s was not universally available, so I have tried to tidy this up.

Status: accepted, Assigned_to: blackett

Issuedata

Classification: Bug+Solution , Project: cmgui , OS: Linux ,
Categories: compilation , Importance: Low

Progress

Deadline: 2008/07/11 11:53:37.492 GMT+12 , Percent done: 0

Contact

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Transcript

#1 Comment 2008-05-12 11:58 (blackett)

Changed: status: "pending" -> "accepted"

Changed: assignees: "[]" -> "['blackett']"

Changed: categories: "()" -> "['compilation', '']"

Changed: OS: "Linux" -> "['Linux', '']"

Changed: version: "Development" -> "['']"

Changed: importance: "medium" -> "low"

Changed: title: "" -> "Linux symbol export"

Changed: classification: "Feature" -> "Bug+Solution"

Changed: description: "" -> "The cmgui.Makefile has two different methods for controlling exported symbols using cmgui.exports.

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#2 Comment 2008-05-12 11:59 (blackett)

Comment

Subversion commits 5733 and 5756.