

SDR (Software Defined Radio) - Bug #1678

Use -undefined dynamic_lookup when using Python and building on Mac OS X

03/30/2016 11:25 PM - mot

Status:	New	Start date:	03/31/2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:			
Target version:			
Resolution:		Spec Reference:	

Description

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Building GrOsmoSDR on Mac OS X should use the -undefined dynamic_lookup as value for the Python library instead of the -lpython and/or -framework /path/to/python/framework to ensure Python gets linked dynamically without having all symbols resolved at link time.

More information: <http://blog.tim-smith.us/2015/09/python-extension-modules-os-x/>

Possible fix

Set the PYTHON_LIBRARY variable to -undefined dynamic_lookup when running CMake.

I've attached a patch which I'm already using for the package in Homebrew. Unfortunately this patch does not work with the latest version of CMake (3.5.0) therefore I'm using it in conjunction with an older version of CMake (3.3.2).

Additional information

Operating system: Mac OS 10.11.4

GrOsmoSDR: 0.1.4

CMake: 3.3.2

Files

macosx-link-python.patch

410 Bytes

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