

Spack Infrastructure - Bug #24789

pull request upstream: +usesystemlib on py-astropy

08/14/2020 11:04 AM - Marc Mengel

Status:	New	Start date:	08/14/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<pre>diff --git a/var/spack/repos/builtin/packages/py-astropy/package.py b/var/spack/repos/builtin /packages/py-astropy/package.py index 1e85cbf..38b66fd 100644 --- a/var/spack/repos/builtin/packages/py-astropy/package.py +++ b/var/spack/repos/builtin/packages/py-astropy/package.py @ -14,12 +14,14 @ class PyAstropy(PythonPackage): homepage = 'http://www.astropy.org/' url = 'https://pypi.io/packages/source/a/astropy/astropy-3.2.1.tar.gz' + version('4.0', sha256='404200e0baa84de09ac563ad9ccab3817e9b9669d0025cee74a8752f4bc2771b') version('3.2.1', sha256='706c0457789c78285e5464a5a336f5f0b058d646d60f4e5f5ba1f7d5bf424b2 8') version('2.0.14', sha256='618807068609a4d8aeb403a07624e9984f566adc0dc0f5d6b477c3658f31ae b6') version('1.1.2', sha256='6f0d84cd7dfb304bb437dda666406a1d42208c16204043bc920308ff8ffdad 1') version('1.1.post1', sha256='64427ec132620aeb038e4d8df94d6c30df4cc8b1c42a6d8c5b09907a315 66a21') variant('extras', default=False, description='Enable extra functionality') + variant('usesystemlib', default=True, description='Use external libraries for erfa, wcsli ib, cfitsio and expat') 1. Required dependencies depends_on('python@3.6:', when='4.0:', type=('build', 'run')) @@ -54,10 +56,10 @@ class PyAstropy(PythonPackage): depends_on('py-pytest', when='+extras', type=('build', 'run')) 1. System dependencies - depends_on('erfa') - depends_on('wcslib') - depends_on('cfitsio') - depends_on('expat') + depends_on('erfa', when='+usesystemlib') + depends_on('wcslib', when='+usesystemlib') + depends_on('cfitsio', when='+usesystemlib') + depends_on('expat', when='+usesystemlib') def build_args(self, spec, prefix): args = [@ -68,6 +70,9 @ def build_args(self, spec, prefix): '--use-system-expat'] + if spec.satisfies('-usesystemlib'): + args = [] + if spec.satisfies('^python@3:'): args.extend(['-j', str(make_jobs)])</pre>			
Related issues:			

History

#1 - 08/17/2020 01:29 PM - Marc Mengel

Made branch feature/astropy_usesystemlibs_variant

#2 - 08/17/2020 02:22 PM - Marc Mengel

- Has duplicate Feature #24487: py-astropy variant from vito added

#3 - 08/17/2020 03:09 PM - Marc Mengel

<https://github.com/spack/spack/pull/18119>