

# Spack Infrastructure - Feature #24481

## system bzip vs boost

05/27/2020 02:56 PM - Marc Mengel

<b>Status:</b>	New	<b>Start date:</b>	05/27/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
Need a pull request for this			
or a better one for lib_or_lib64() maybe?			
<pre>diff --git a/var/spack/repos/builtin/packages/boost/package.py b/var/spack/repos/builtin/packages/boost/package.py index 452ae99b..34ff2b1 100644 --- a/var/spack/repos/builtin/packages/boost/package.py +++ b/var/spack/repos/builtin/packages/boost/package.py @@ -301,11 +301,31 @@ def determine_b2_options(self, spec, options):      options.extend(['-s', 'ICU_PATH=%s' % spec['icu'].prefix])       if '+iostreams' in spec: -        options.extend([ +        if os.path.isdir(spec['bzip2'].prefix.lib64): +            options.extend([ +                '-s', 'BZIP2_INCLUDE=%s' % spec['bzip2'].prefix.include, +                '-s', 'BZIP2_LIBPATH=%s' % spec['bzip2'].prefix.lib64 +            ]) +            print("doing bzip2 lib64") +        else: +            options.extend([ +                '-s', 'BZIP2_INCLUDE=%s' % spec['bzip2'].prefix.include, +                '-s', 'BZIP2_LIBPATH=%s' % spec['bzip2'].prefix.lib, +                '-s', 'BZIP2_LIBPATH=%s' % spec['bzip2'].prefix.lib64 +            ]) +            print("doing bzip2 lib") +        if os.path.isdir(spec['zlib'].prefix.lib64): +            options.extend([ +                '-s', 'ZLIB_INCLUDE=%s' % spec['zlib'].prefix.include, +                '-s', 'ZLIB_LIBPATH=%s' % spec['zlib'].prefix.lib, +                '-s', 'ZLIB_LIBPATH=%s' % spec['zlib'].prefix.lib64 +            ]) +            print("doing zlib lib64") +        else: +            options.extend([ +                '-s', 'ZLIB_INCLUDE=%s' % spec['zlib'].prefix.include, +                '-s', 'ZLIB_LIBPATH=%s' % spec['zlib'].prefix.lib +            ]) +            print("doing zlib lib") +        options.extend([ +            '-s', 'NO_LZMA=1', +            '-s', 'NO_ZSTD=1'])</pre>			