

RADOS - Tasks #25186

setup repo for building dependencies like boost, rocksdb, which are not provided by distro

07/31/2018 03:57 AM - Kefu Chai

Status: In Progress	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Kefu Chai	
Category:	
Target version:	
Tags:	Component(RADOS):
Reviewed:	Pull request ID:
Affected Versions:	
Description we need to build boost, spdck, dpdk, fio, rocksdb, gperftools, seastar for preparing the build dependencies for each PR of ceph, and for each CI build. the list grows overtime. it'd be much more efficient if we can cache the built artifacts in a repo. we could use ppa or chakra for hosting the repo. and update the ceph-build and cmake scripts accordingly to pick up these pre-built packages. action items: <ul style="list-style-type: none">• package ceph-libboost for centos on amd64/aarch64• package c-ares, libfmt, zstd and rocksdb.	

History

#1 - 07/31/2018 04:05 AM - Kefu Chai

- Description updated

#2 - 08/04/2018 05:17 PM - Kefu Chai

- Subject changed from setup repo for building dependencies like boost, rocksdb not provided by distro to setup repo for building dependencies like boost, rocksdb, which are not provided by distro

#3 - 09/04/2018 11:38 AM - Kefu Chai

for building ceph-libboost, use <https://github.com/tchaikov/boost>

```
export DEB_BUILD_OPTIONS="parallel=8 nodoc"  
dpkg-buildpackage -b
```

#4 - 09/09/2018 08:15 AM - Kefu Chai

- Status changed from New to In Progress

<https://github.com/ceph/ceph/pull/23995>

#5 - 09/13/2018 11:40 AM - Kefu Chai

- Assignee set to Kefu Chai

#6 - 09/13/2018 11:41 AM - Kefu Chai

- Description updated