

A New 2PB GPFS file system for the JGI “projectb”



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The new 2PB “projectb” file system is available on Phoebe now

- Some high level specs for users
- 2.8 PB
- Has a “per project” non-purged, backed-up portion with smaller quota (1-5 TB)
- And a “per user” purged, not backed-up portion with larger quota (10TB)

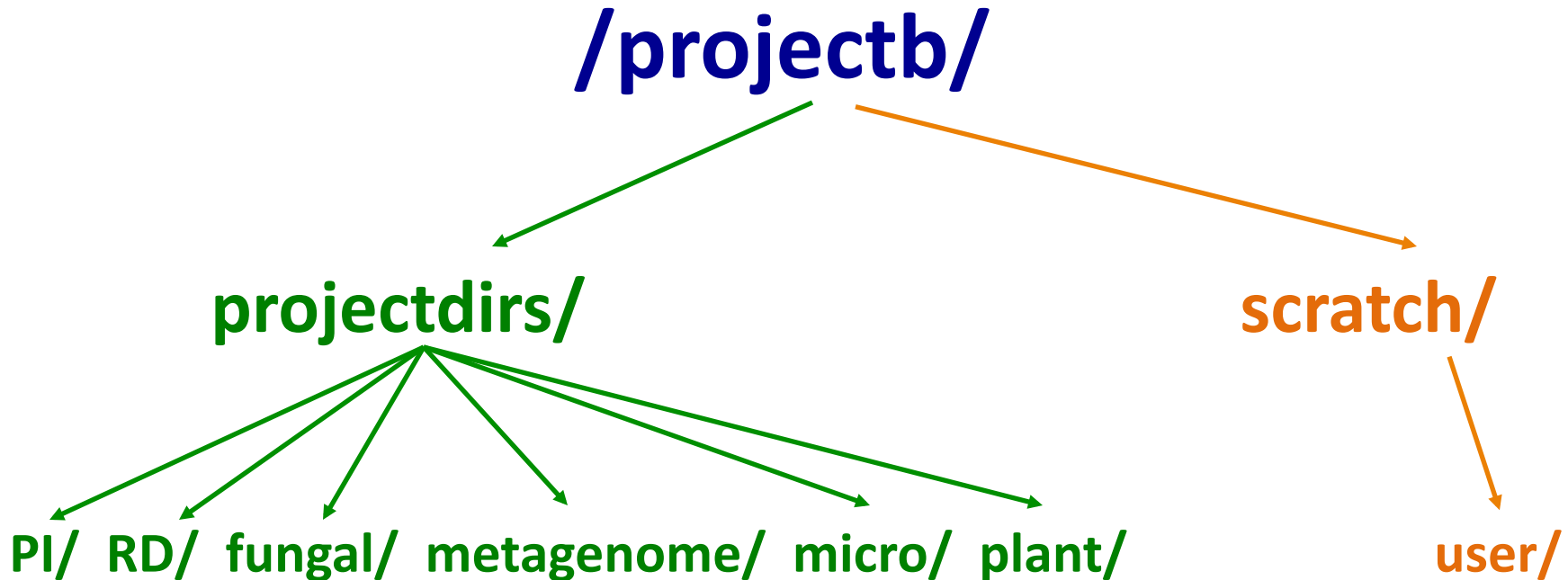


File systems best practices

- Unfortunately disk is still expensive
- All of the JGI's data can not continue to be stored on disk within the current budget
- Archive and delete data you no longer need
- Disk usage will be controlled through quotas in some cases and purging in others



There are two areas of storage within the “project” layout of the “projectb” file system



- Group directories
- Not purged
- Subject to quota

- User directories
- Purged

It is important for every group to come up with a data retention policy

**How long
should we keep
the raw data?**

**Can the data be
deleted or
should it be
archived?**

**Can we set up an
automated way to
archive and
delete data?**