Beehub
simple sharable storage
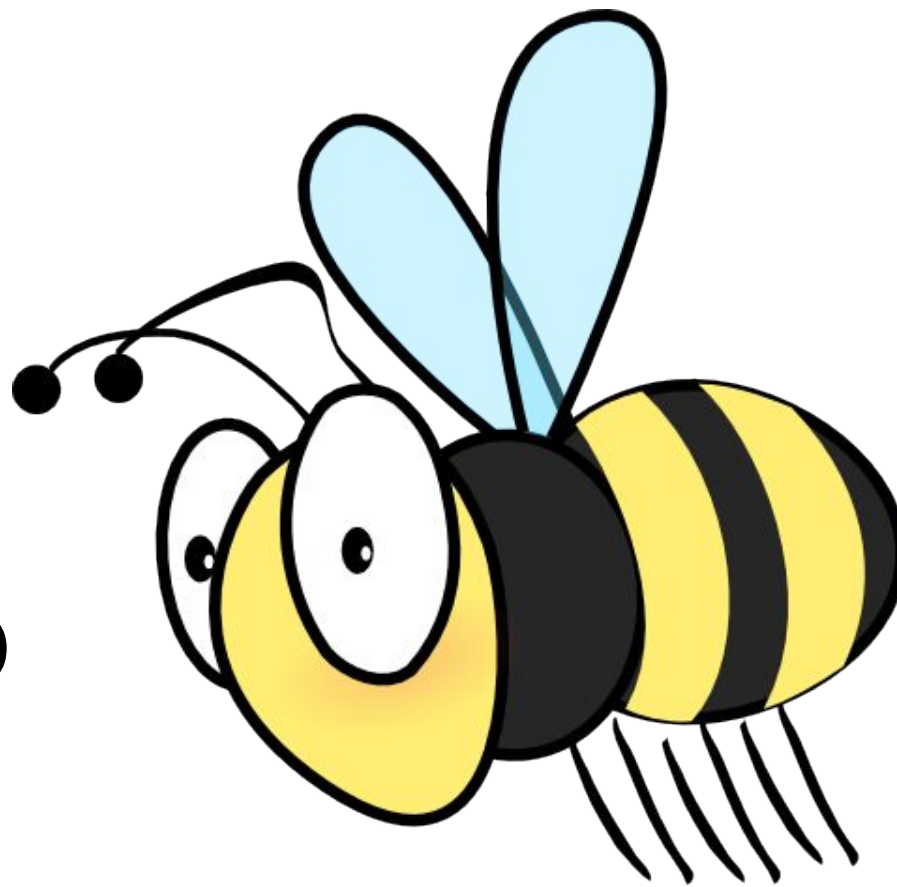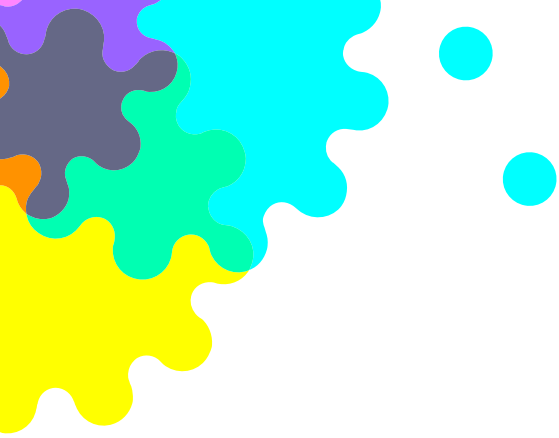
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BiG *Grid*

the dutch e·science grid

Beehub

Rationale

I want to have place where I put my data and share with a group of coworkers. Access it from anywhere. In any way.

Almost every scientific flow STARTS and ENDS with DATA, involving storage retrieval and search.

Grid storage is too difficult

As provider we want to offer an easy to use building block, persistent and secure

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Look around

- Dropbox like?
- The web is easy
- Known technologies

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Development

We developed this in a running scientific project for 2 years; intensively used for sharing of electron microscopy images

National beta launch end of last year
www.beehub.nl

Steadily growing user base and storage usage

Continuous improvements to make

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Features

- HTTP / Webdav based
- Mountable even on your phone.
- Supports annotation and versioning
- Low entry for access
- Partial file transfers
- POSIX
- SLA
- Annotation
- All mayor operating systems supported
- Webclient for Fine grained control on sharing directories and files
- Machine accessible (write grid output files)

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Future

- improve on simplicity
- public sharing
- integration with EDUROAM (NL - Federation)
- support for persistent identifiers
- datatype viewers / apps currently in place at AMC amsterdam
- informal collaboration with unhosted.org
- Let's talk this week!

@Friday 11: 22, two talks about BiG Grid cloud computing infrastructure.

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