ownCloud Infinite Scale

A sea of Storages. A developer overview.

About Me

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@refs

Requirements

- Feature parity with OwnCloud 10, easy to migrate and adopt.

- Use Go (and Protobuf), set in stone contracts.

- Micro-Services, easy to decouple

- Single binary, easy to run

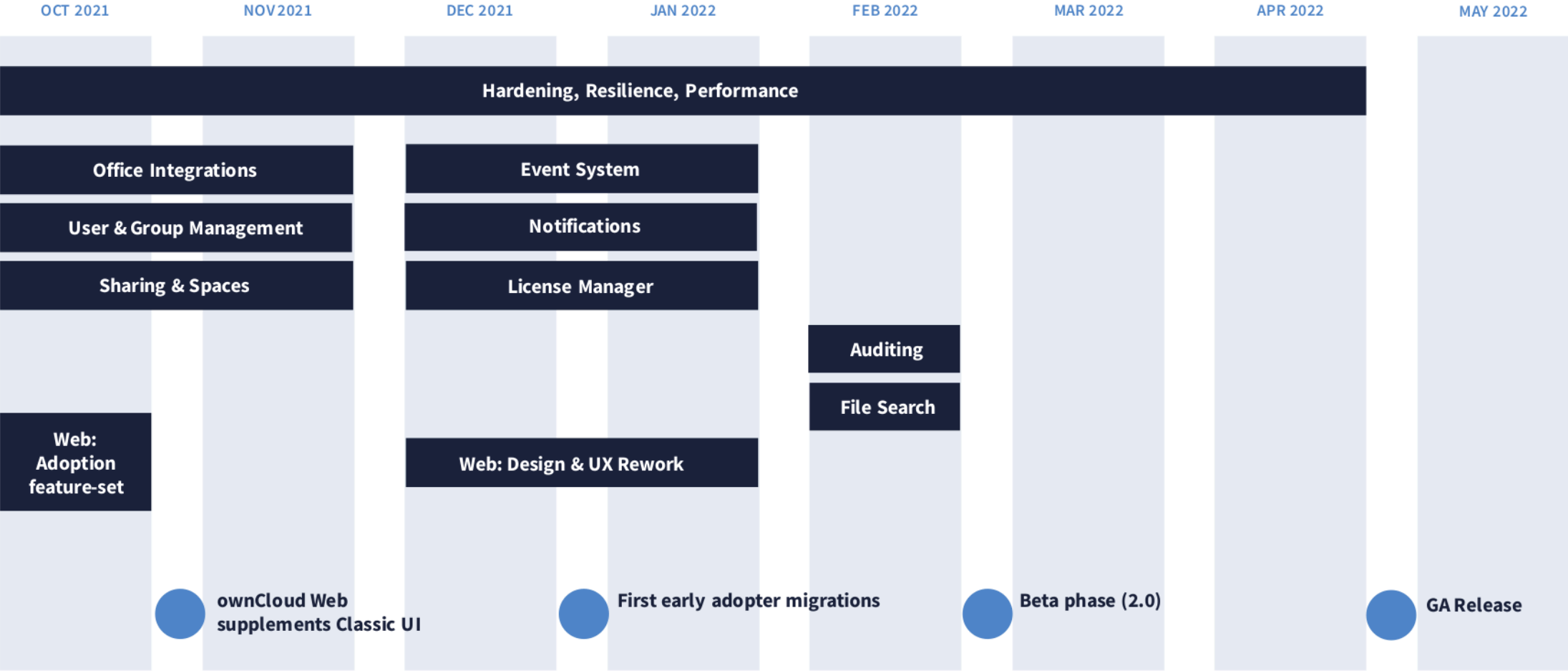- CS3 APIs, inter-operable

Challenges

- Wrapping go-micro

  - Flags duplication, since they need to be known at runtime

- Configuration

  - Support for multiple sources (config file, cli, flags, environment variables)

  - Sane defaults

- Custom Runtime

  - Supervision Tree (suture), borrowed from Erlang

- Test Suite

  - Luxury of having a test suite inherited from ownCloud 10 to work with, done by JankariTech

Collaboration

- We are not alone

    - CERN + CS3 APIs

- Reference implementation in cs3org/reva

- CERN storage team is running oCIS in production

ownCloud

Goals and Values

- Easy to adhere storages mesh

- Blazing fast File Sync and Share (FSS)

- Approachable Codebase

- Vibrant open source community

ownCloud

...& Community

Bug reports and enhancement requests

Internationalization

Fork and patch

Discussion and hanging out

Documentation

https://owncloud.com/infinite-scale/

ownCloud Infinite Scale:

Want to get engaged in the community?

There are ways of course!

Please keep in mind: It's a **Tech Preview – made for test environments.**

We are looking forward to the **technical exchange** in the **community** – do engage and give us your feedback and ask us lots about ownCloud Infinite Scale!

Running oCIS (from source)

- Requirements
  - Go 1.16

1. git clone https://github.com/owncloud/ocis.git

2. cd ocis/ocis && make clean build

3. bin/ocis server

4. https://localhost:9200