

Local machine

Thin clients

Fat & thin clients

Thin clients (web or mobile) can use the REST and WebSocket API to access Syncany. In addition to that, the CLI can access the backend storage directly.

Web Browser

Mobile GUI

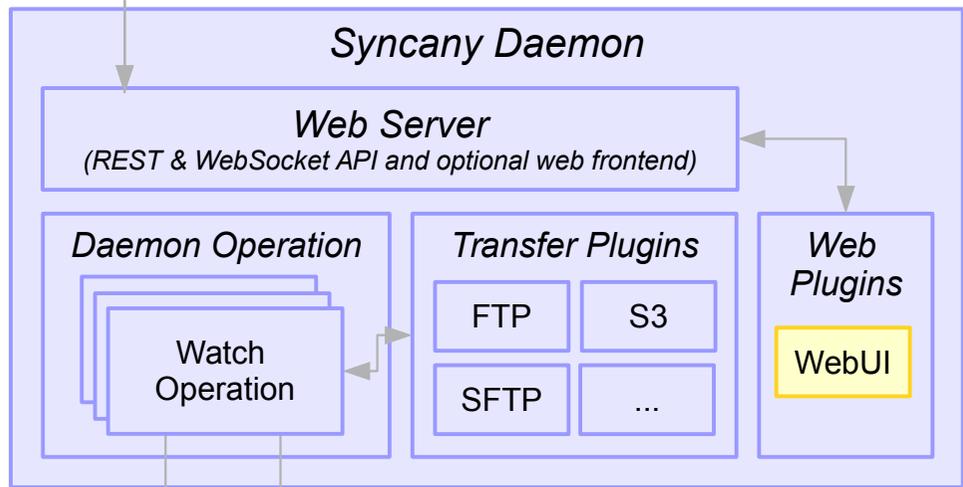
Syncany CLI

List watched folders, retrieve file list, download file, ...

User Interface Layer

Service Layer

Local machine or your server



The Syncany daemon manages 1-n synced folders. Each managed folder stores its encrypted data on a dumb storage backend (e.g. SFTP or S3).

The daemon can run locally or on your own server. If it is run on a server, the web frontend can be accessed from anywhere and mobile clients can connect to it.

Subscribe, announce and unsubscribe

Upload, download, list and delete (encrypted data only)

Central services

Fanout pub/sub server at notify.syncany.org (optional)

Dumb storage backend (e.g. S/FTP, Amazon S3, WebDAV, etc.)

Backends & Internet Services

Legend: WIP Working