

Your online computer

– Your friends, files and digital life on any device

Xcerion delivers the CloudMe.com consumer service (with over 500 000 users world-wide from 170 countries). The CloudMe online computer (formerly known as iCloud) is the cloud computer for consumers, an online media and file server for streaming and sharing. It enables ubiquitous computing reaching out with connectivity to all kinds of devices.



With the CloudMe ubiquitous Cloud Convergence platform all devices can be connected.

Easy Upload – Thesis Description

The CloudMe service have many different clients; A virtual desktop, iPhone app, Android app, Easy Upload that installs on Windows, Mac and Linux and WebDAV. All these different clients use a set of public web services API's exposed as a Service Oriented Architecture (SOA) by the CloudMe back-end (XML Web Services and REST API's).

Easy Upload allows files from a local computer hard drive to be automatically be uploaded (synchronized) from multiple computers into a common Cloud Storage (CloudMe). During our own development process we built a version of Easy Upload that also was bi-directional (synchronizing down what was in the cloud to the local computer). This created a solution very similar to DropBox, but enabling any folder on the computer to become DropBox like.

The thesis work will be about creating a user interface metaphor for Easy Upload, making it easy to understand that the original will be in the cloud and all versions of a file on local computers hard drives are copies. It will also be about simplifying the user experience, but keeping an edge to Dropbox with the capabilities of syncing multiple user specified folders. An investigation of all cases of conflicts and how these will be resolved (automatically versus questions asked to the users) is also needed. This also needs to easily articulate to the users of Easy Upload.

The programming part of the thesis will be done in Nokia visual QT environment (C-syntax) to enable the cross-platform deployment of Easy Upload currently available. The work will build on the already available Easy Upload client and be about improving its user interface the complete the prototype with syncing capabilities into a launch-ready, tested and completed version.

About 20 000 people use Easy Upload on a daily basis to keep their data safe and accessible through the cloud and mobile devices.

All work will be done from the Xcerion main office at Drottninggatan 23, Linköping.

Additional Thesis Work

Xcerion might have more thesis work if students are interested.

Contact

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