

Mobile Access to Sorcer FileStore

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1 Objective

The main goal of this project is to access and edit files stored in the Sorcer network through a mobile device.

2 Motivation

Access to the Sorcer network itself is not always accessible. We want to be able to access and edit files on the go. This requires a file browser and editor that is available on mobile devices, such as cell phones. But browsing files is not enough. The software should also be able to display files, such as simple text files, images and even word documents. There should also be support for editing at least simple text files.

3 Strategy

The project itself will consist of a MIDlet and a Servlet. The MIDlet will only be responsible for displaying and do as least work as possible. The Servlet will do all required processing, such as acquiring the files, resizing the images, converting from other file format, etc.. We will begin the project with providing access to simple text files and then adding more functionality such as editing.

The project can start out simple, but can have much functionality added later. One idea would be to access the camera on modern cellphones and having the ability to save pictures taken directly to the network.