File Categorizer

The idea is to have a file explorer with support for multiple categorization (some call it tagging) of a file. This improves on the hierachical file system organization which is not good at organizing a large collection of files.

For example if you want to find all the photos made last year in a particular place, then with a file system you'd have 2 options of organizing their storage and retrival:

Photos

2016

Italy

Finland

Or...

Photos

Italy

2016

Finland

2016

With a multi-categorizer there is no need to think about which storage schema to use; instead categories will be assigned to a file, so for ex. all photos from Italy in 2016 will be tagged with Italy ans 2016 categories. When the user selects both categories all wanted photos will be listed.

The categories themselves can be organized hierarchically. For ex.:

Place

Italy

Rome

Venice

Finland

Lapland

Date

2016

When a file is assigned a subcategory (ex. Rome above), it will have implicitly assigned all parent categories.

For ex. a photo in Rome can be assigned Rome and 2016 and implicitly it will have Italy. It will thus show up in searches involving Italy alone.

In searches it will be possible to combine several categories with AND and OR operators.

Ex:

- all photos from Rome AND 2016

- all photos from Lapland OR Norway

- all photos from (Lapland OR Norway) AND 2016

More documentation and references to existing categorization topics to come...