

WebDAV and/or JSR170 access to the repository

Daisy has a fair number of unique selling points and has brought some innovative approaches into the CMS scene.

- our one 'bag' plus metadata approach
- our open ReST based XML/HTTP API allowing other language bindings
- a working SQL like query language
- the bundled wiki approach as a default solution for the common authoring issues
- the book publication and rendering
- ...

While thriving to be unique and setting us apart from competition it is however not a goal to isolate us from other movements and standards in the area of content management.

Two much cited standard ways to integrate with a content-repository to date are the WebDAV protocol and the Java Content Repository API (aka JCR or JSR170)

Providing some way of mapping the nouns and verbs from these specifications to our own ReST based API is an interesting exercise that should lead to an optional service to be deployed and ran (in the case of WebDAV) or an actual API mapping component (in the case of JCR).

Mapping the implied hierarchy of these standards to the flat structure of the Daisy repository should be as flexible as the current navigation-tree editing.

If you are interested in this project, you should:

- be ready to get deep into the WebDAV and/or JCR specifications and our own ReST API on the other hand
- be a seasoned Java developer that knows his XML and Web API's

Fields

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Category	Google SoC 2007 proposal