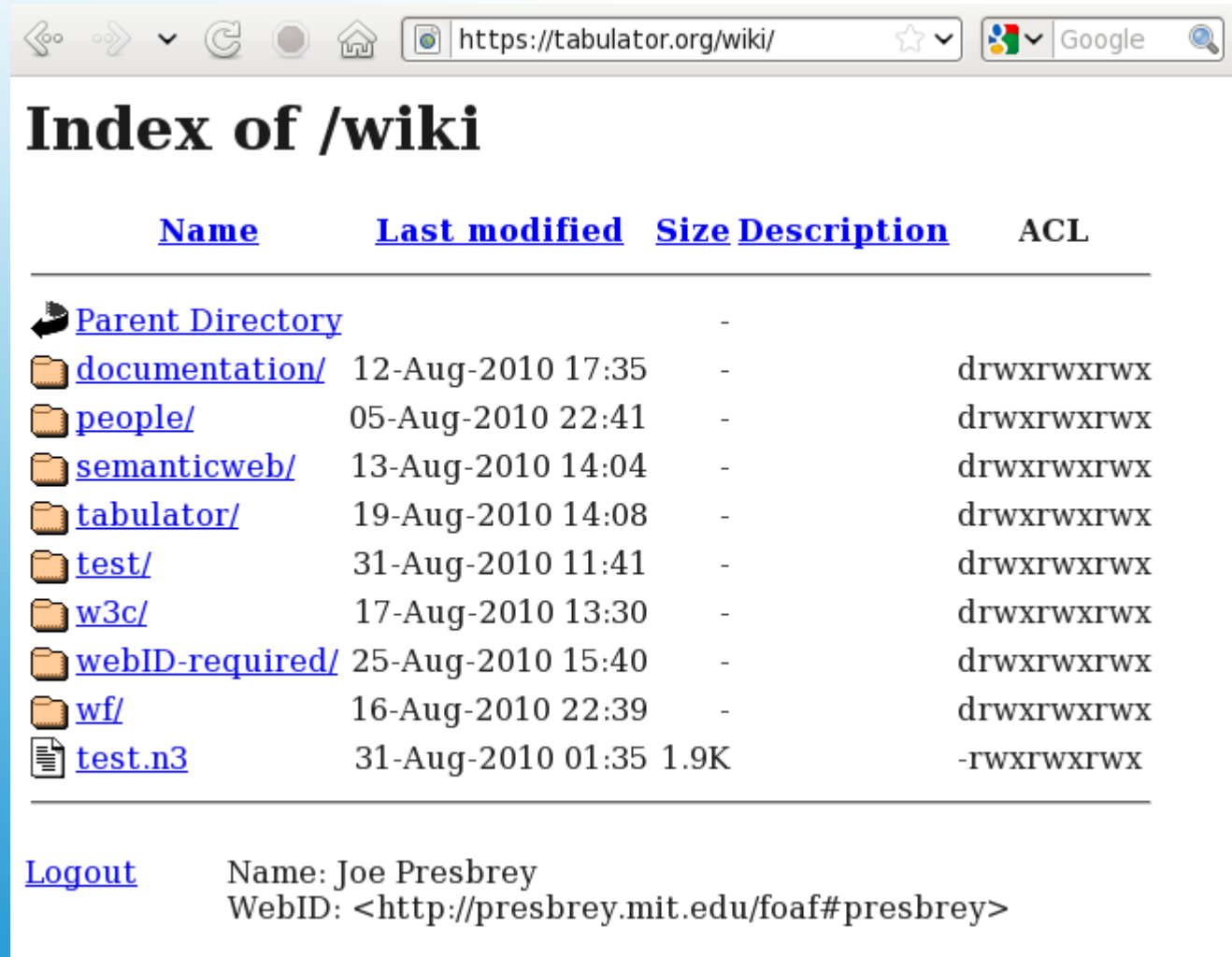


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The screenshot shows a web browser window with the address bar containing <https://tabulator.org/wiki/>. The page title is "Index of /wiki". Below the title is a table listing directory contents with columns for Name, Last modified, Size, Description, and ACL.

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>	<u>ACL</u>
 Parent Directory		-		
 documentation/	12-Aug-2010 17:35	-		drwxrwxrwx
 people/	05-Aug-2010 22:41	-		drwxrwxrwx
 semanticweb/	13-Aug-2010 14:04	-		drwxrwxrwx
 tabulator/	19-Aug-2010 14:08	-		drwxrwxrwx
 test/	31-Aug-2010 11:41	-		drwxrwxrwx
 w3c/	17-Aug-2010 13:30	-		drwxrwxrwx
 webID-required/	25-Aug-2010 15:40	-		drwxrwxrwx
 wf/	16-Aug-2010 22:39	-		drwxrwxrwx
 test.n3	31-Aug-2010 01:35	1.9K		-rwxrwxrwx

Below the table, there is a "Logout" link and user information: Name: Joe Presbrey, WebID: <<http://presbrey.mit.edu/foaf#presbrey>>



Data Wiki
Linked Data Cloud Storage

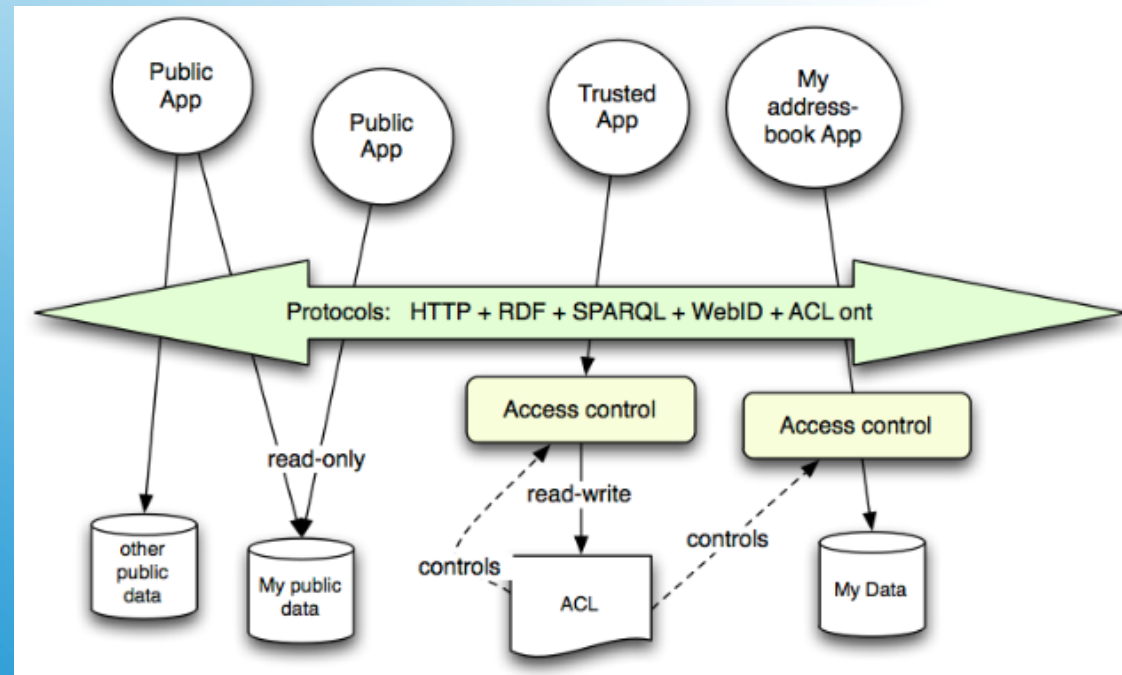


In the Data Wiki, every document URI is a RDF Named Graph with HTTP methods for:

- GET (RDF/other)
- POST (SPARQL/RDF)
- PUT (RDF/other)
- DELETE

and backend RDF stores:

- Data at [URI].n3
- ACL at ./meta.n3



Design

- Tabulator
<http://tabulator.org/wiki/tabulator/tracker/issue>
- Browsers+JS, w/ eg. JQuery
<http://webr3.org/apps/rdfjson/>
(<http://tabulator.org/wiki/tabulator/tracker/state>)
- Amaya
- curl
 - `curl -X DELETE http://tabulator.org/wiki/trash/data`
 - `curl -T foaf.n3 http://tabulator.org/wiki/foaf (PUT)`
 - `curl -H 'Content-type: application/sparql-query' -d @insert-webid.sparql http://tabulator.org/wiki/foaf (POST)`

Examples

Protocols

- HTTP/1.1
 - content negotiation
 - WebID auth[nz]: ACL
- SPARQL 1.1
- WebDAV 1

Formats

- N3, RDF/XML, RSS/Atom
- JSON, JSON-P (w/ callback)

Components

- Apache 2
 - mod_auth[nz]_webid
 - mod_fcgid
- Data Wiki (python)
- SWObjects (C++)

Summary

- mod_auth[nz]_webid
http://dig.csail.mit.edu/2009/mod_authn_webid/
http://dig.csail.mit.edu/2009/mod_authz_webid/
- Data Wiki
<http://dig.csail.mit.edu/2010/wiki/>
- SWObjects (C++)
<http://sourceforge.net/projects/swobjects/>
- Web Access Control ontology
<http://www.w3.org/ns/auth/acl>
- Socially Aware cloud storage
<http://www.w3.org/DesignIssues/CloudStorage.html>

Sources