External Search

To support the differing needs for sophisticated, rich searching, Fedora 4 comes with a standard mechanism and integration point for indexing content in an external service. This could be a general search service such as Apache Solr or a standalone triplestore such as Fuseki or Blazegraph.

To set up external index and searching you must:

1. Install and configure standalone search applications
2. Install and configure fcrepo-camel-toolbox

Install and configure standalone search applications

The following search applications have been tested:

- Jena Fuseki ([Fuseki setup instructions])
- Sesame ([Sesame setup instructions])
- Blazegraph ([Blazegraph setup instructions])
- Solr ([Solr setup instructions])

See the Solr Indexing Quick Guide to get quickly up and running with a Fedora 4 Solr integration.

Install and configure fcrepo-camel-toolbox

The following github page has detailed instructions as to how to set up fcrepo-camel-toolbox. This standalone app listens to messages produced by fcrepo4 and invokes the search applications as configured:

https://github.com/fcrepo4-exts/fcrepo-camel-toolbox