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Undocumented Features

The following are known missing pieces or errors in the XTF documentation.

- Query attribute 'returnMetaFields' can be useful for limiting size and processing time for large queries on docs with lots of fields.
- Could use a FAQ on using XTF with DSpace and Fedora
- Saxon extension used to send email
- Extension function to grab and Tidy an external HTML document

- Query sort modifiers… field:emptyFirst and field:emptyLast. Also, field:ascending and field:descending as a more verbose form of "+field" and "-field"
- Facet sorting option: reverseValue (useful for date field)
- Facet selection operator: singleton (useful for auto-expanding single selections in a hierarchical facet)
- Could use better documentation on what you can do with the facet system, including the xtf:facet tag and its effect on meta-data. Also, note that using xtf:facet prevents one from querying for the parent while omitting the children.
- Clearly differentiate between <or> and <orNear>, and clarify that <or> only supports 'slop' attribute for multi-field queries.
- Freeform query language (should go under Experimental Features)
- Exec args no quotes — see email archive for details.
- Flesh out discussion of AJAX support, with "More like this" in default stylesheets as example
- Experimental RawQuery servlet. Include a test HTML page in our distro.
- Robots handling support
- Experimental support for alternate URL parameter tokenizers in crossQuery and dynaXML
- Experimental FileUtils.createTempFile()
- Extension function: CharUtils:applyAccentMap(pathToMapFile, stringToMap)
- Validation: indexer and servlets can perform index validation before using a new index
- Index rotation is now possible. Tricky caveat with Perl dependency. Need a couple new tips & tricks for dealing with problems.
- Option to sort crossQuery result docHits by total hits within each doc.
- Sub-document querying: need better docs (currently they're just a copy of the announcement email). Also, it's no longer experimental.
- Expermental support for ERC metadata output in crossQuery.
- Saxon extension instruction to run an external command that produces a JPEG or PNG image, and pipe that image directly to servlet output stream.
- Saxon extension to pipe the contents of a file (or is it a URL?) directly to the servlet output stream.
- Saxon extension to create a PDF file with FOP and pipe it directly to the servlet output stream, optionally appending an PDF file from disk. Useful for sticking a splash page at the front of a PDF file.
- Saxon extension to create an HTTP error directly from a stylesheet.
- Saxon extension to generate an HTTP redirect (either temporary or permanent) from a stylesheet.
- Indexer option to force indexing whether or not objects have changed. This way one does not have to "touch" a bunch of files to get the indexer to redo them.
- Indexer now accepts multiple "-dir" arguments to index multiple subdirectories; also supports "-dirList" for a file of directories.
- FileUtils Saxon extension function: Converts the size of a file to a human-readable string, e.g. "36 Kb", "1.2 Mb", etc.
- FileUtils Saxon extension function: Calculate the MD5 hash of a string.
- FileUtils Saxon extension function: Compute the number of days, hours, or minutes that have elapsed between a given time and now.
- Experimental support for OpenURL resolving in crossQuery stylesheets.

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