JWAT v1.0.0 (2013-02-11)

Released 2013-02-11.

Highlights

ARC package

The ArcReader was rewritten leaving to code unturned

Version header in a Version block record now treated as a payload header, exactly like a HTTP header for ARC records.

Much of the ARC code was also restructured for this release.

Unit testing of the remaining ARC classes

Added unit tests so all classes are now covered.

ArcWriter usable

The ARC writer is now working.

ArcFile detection improved with an ArcRecord detection

Only checking for "filedesc:" in the beginning of an ARC file was not lenient enough, so methods for checking for a valid scheme at the beginning of a stream was added.

WARC package

WarcProfile now treated as an URI and not a string

The WARC code was reviewed and minor improvements where made.

Common package

Custom URI implementation added including profiles

A custom URI implementation was added due to the fact that many URIs used on the web are not valid according to the RFC. UriProfiles were added to allow for different levels of URIs leniency.

Full list of issues resolved in this release.

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<th>T</th>
<th>Key</th>
<th>P</th>
<th>Summary</th>
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<tbody>
<tr>
<td></td>
<td>JWAT-56</td>
<td>†</td>
<td>Wget WARC files declared as Invalid</td>
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<td></td>
<td>JWAT-8</td>
<td>†</td>
<td>Unit tests and coverage of ARCRecordBase, ArcRecord and ArcVersionBlock</td>
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<td>JWAT-64</td>
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<td>ArcReaderFactory.isArcFile only check for filedesc:</td>
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<td>JWAT-61</td>
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<td>Warc-Profile is validated as a string not an URI</td>
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<td>JWAT-57</td>
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<td>Unit test in jwat-common fails occasionally when it should pass, due to ordering of results.</td>
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<td>JWAT-58</td>
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<td>The recoded ARC validation is too strict for IA ARCs</td>
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<td>JWAT-59</td>
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<td>Improved URI validation is too strict</td>
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<td>JWAT-60</td>
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<td>Rewrite of URI validation in ARC header does not handle no-type before URI check</td>
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<td>JWAT-46</td>
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<td>ARC reader refactoring</td>
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</table>
JWAT-45  ARC writer
JWAT-38  NullPointerException if the versionblock is only one line.
JWAT-35  ARC reader should probably keep the raw values instead of the converted/validated

12 issues

Downloads

Artifacts