Web Service Shell - Feature #764

Add new endpoint configuration option "formatDispositions" to control the Content-Disposition specific for each

01/13/2016 04:22 PM - Chad Trabant

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
<th>Start date:</th>
<th>01/13/2016</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Mike Stults</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Resolution:</td>
<td>Fixed</td>
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</tbody>
</table>

Description

Add a new endpoint configuration option formatDispositions that is set to a list of format keys and associated HTTP content disposition header values.

This should be an optional parameter, if any format keys specified in the formatTypes do not have a corresponding entry in formatDispositions the behavior should fall back to the current behavior of generating a Content-Disposition header.

The header values may include a small list of simple substitutions.

The configuration option is conceived as:

```
<endpoint>.formatDispositions = \
  key: value, \
  key: value
```

where the keys should match those specified in formatTypes, i.e. the values specified by the client using the format parameter.

A fully formed example may look like:

```
query.formatDispositions = \
  miniseed: attachment; filename="a_miniseed_file.mseed", \
  text: inline; filename="%A_%U.txt"
```

Using the above, when the client specifies format=miniseed the server response will contain the following HTTP header:

```
Content-Disposition: attachment; filename="a_miniseed_file.mseed"
```

The simple substitutions in the value strings should be performed as follows:

<table>
<thead>
<tr>
<th>key</th>
<th>replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>%A</td>
<td>Application name (appName config value) e.g. fdsnws-dataselect</td>
</tr>
<tr>
<td>%U</td>
<td>UTC date-time as YYY-MM-DDThh:mm:ssZ e.g. 2016-01-14T00:18:01Z</td>
</tr>
</tbody>
</table>

History

#1 - 01/22/2016 11:31 AM - Mike Stults
- Resolution set to Fixed
The `formatDispositions` is implemented and ready to test.
- One variation, instead of `%A` and `%U` for substitution strings at runtime, the alternative syntax `${appName}` and `${UTC}` were implemented instead.