

REST API for ECK Preview Module

Revision History

Revision	Date	Author	Organisation	Description
V0.1	2013-01-17	Ágoston Berger	MON	Initial version for discussion
V0.2	2013-04-25	Ágoston Berger	MON	Update to include stylesheet management
V0.3	2013-07-25	Ágoston Berger	MON	API redesign to conform with common API format

Template Management

Responsible for template upload and management. Clients are able to:

- Retrieve a list of currently available templates.
- Retrieve a template by name.
- Upload a new template or update an existing one.
- Delete a template.

URL (pattern)	Request body	HTTP Method	Function	Response body
/Preview/{provider}/templates	none	GET	List available templates	List of available templates
/Preview/{provider}/templates/{name}	none	GET	Return a template XSL by name	Template body in XSL format
/Preview/{provider}/templates/{name}	template in XSL format	POST/PUT	Upload a template. If it exists, it will be overwritten.	empty
/Preview/{provider}/templates/{name}	none	DELETE	Delete a template by name	empty

Preview Generation

Responsible for preview generation for EDM records. Clients are able to:

- Choose a template and apply it to a record supplied. Results vary according to mime type requested. The following mime types are supported:
 - text/html: Returns the preview in XHTML format.
 - application/xhtml+xml: See text/html.
 - application/zip: Returns preview in a zipped bundle.
- Upload a set of records for batch Preview.
- Retrieve the result of a batch preview as a zipped bundle.
- List active sets.

URL (pattern)	Request body	HTTP Method	Function	Response body
/Preview/{provider}/single/preview/{name}	Record in EDM (or other supported) format	POST	Generates a preview of the record using the template specified by name.	Preview as HTML or as a zipped bundle.
/Preview/{provider}/sets	Empty	GET	List available sets, with processing status	Sets as XML or JSON as determined by mime type
/Preview/{provider}/{set name}/preview/{name}	Record in EDM (or other supported) format	POST	Generates a preview of the record using the template specified by name (batch mode).	HTTP 202, empty body, HTTP 409 if set already exists for current provider
/Preview/{provider}/{set name}/result	Empty	GET	Retrieves the result of a batch.	Results as a zip, HTTP 200 if results are available, HTTP 102 if processing is still ongoing

Stylesheet Management

Responsible for stylesheet upload and management. Clients are able to:

- Retrieve a list of currently available stylesheets.
- Retrieve a stylesheet by name.
- Upload a new stylesheet or update an existing one.
- Delete a stylesheet.

URL (pattern)	Request body	HTTP Method	Function	Response body
/Preview/ {provider}/stylesheets	none	GET	List available stylesheets	List of available stylesheets
/Preview/ {provider}/stylesheets/ {name}	none	GET	Return a stylesheet by name	stylesheet in CSS format
/Preview/ {provider}/stylesheets/ {name}	stylesheet in CSS format	POST/PUT	Upload a stylesheet. If it exists, it will be overwritten.	empty
/Preview/ {provider}/stylesheets/ {name}	none	DELETE	Delete a stylesheet by name	empty