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Semantika REST WS 1.0 – Validation and PID Generation

Integration Manual

Europeana Inside

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# Contents

This is documentation for the use of web services for Validation and PID Generation, together with instructions/examples for their integration.

# Integration Instructions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL (pattern) | Request body | HTTP Method | Function | Response body |
| /validation/profiles | - | GET | List of profiles | JSON |
| /validation/profiles/{name} | - | GET | Profile by name (xsd schema) | JSON |
| /validation/validate | **Name**  **XmlDocument** (base64)  (JSON format) | POST | Record validation | JSON |

**Example: /validation/profiles**

**Request:**

GET /validation/profiles HTTP/1.1

**Response body:**

["lido","edm"]

**Example: /validation/profiles**

**Request:**

GET /validation/profiles/lido HTTP/1.1

**Response body:**

...(long to show here)

**Example: /validation/validate**

**Request:**

**Header:**

User-Agent: Fiddler

Host: localhost:13987

Content-Type: application/json; charset=utf-8

Content-Length: 33

**Body:**

{"Name":"lido","XmlDocument":"a"}

**Response body:**

{"BrokenRules":[{"BrokenRuleCode":"#","Message":"Error validating document. \u000d\u000aData at the root level is invalid. Line 1, position 1.","Severity":0}],"IsValid":false,"Message":"Correct errors and then try again."}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL (pattern) | Request body | HTTP Method | Function | Response body |
| /pid/generate | **InstitutionUrl**, **RecordType,** **AccessionNumber**  (JSON format) | POST | Generate PID | JSON |
| /pid/lookup/{pid} | - | GET | PID reverse | JSON |

**Example: /pid/generate**

**Request:**

POST http://euinside.semantika.si/pid/generate HTTP/1.1

User-Agent: Fiddler

Host: euinside.semantika.si

Content-Type: application/json; charset=utf-8

Content-Length: 61

{"AccessionNumber":"c","InstitutionUrl":"a","RecordType":"b"}

**Response body:**

"a\_b\_c"

**Example: /pid/lookup/{name}**

**Request:**

GET http://euinside.semantika.si/pid/lookup/a\_b\_c HTTP/1.1

**Response body:**

{"AccessionNumber":"c","InstitutionUrl":"a","RecordType":"b"}