Endpoints:

* /template – Workpaper Template API
* /wkpaper – Workpaper User Data API

Endpoint Details:

1. Workpaper Template API – Used for Workpaper Template CRUD and Search Operations

| # | Type | Parameters | Action |
| --- | --- | --- | --- |
| 1 | GET | rs:id – Template ID  Example: /template?rs:id=10041 | Returns specific template spreadsheet file. |
| 2 | GET | rs:q – Search Terms  Example: /template?rs:q=BEPS AND juris:Brazil | Searches templates using terms especially Ontology terms.  Returns list of templates with search relevance scores. |
| 3 | GET | None  Example: /template | Returns the list of IDs and URIs of all Template Excel files. |
| 4 | PUT | /template?rs:id=10041 | Updates (overwrites) an existing Template file.  The payload is the binary Excel file. |
| 5 | POST | /template | Creates a new Template file.  The payload is the binary Excel file.  Returns the template ID and maybe the URI. |
| 6 | DELETE | /template?rs:id=10041 | Deletes the Template file and its metadata. |

1. Workpaper User Data API – Used for Workpaper User Data CRUD and Search Operations

| # | Type | Parameters | Action |
| --- | --- | --- | --- |
| 1 | GET | rs:id – User Data ID  Example: /wkpaper?rs:id=10041 | Spreadsheet Template User Data Merge  Returns specific user data file. |
| 2 | GET | Parameters:   * rs:id – User Data ID * rs:merge – set to false   Example: /wkpaper?rs:id=10041&rs:merge=false | Return User Data File  Returns specific user data file. |
| 2 | GET | rs:q – Search Terms  Example: /wkpaper?rs:q=BEPS AND juris:Brazil | Searches user data using terms especially Ontology terms.  Returns list of user data IDs with search relevance score and snippet. |
| 3 | GET | None  Example: /wkpaper | Returns the list of IDs and URIs of all User Data files.  This will eventually be restricted by client by user and by role. |
| 4 | PUT | /wkpaper?rs:id=10041 | Updates (overwrites) an existing Template file.  The payload is the User Data file.  Use the User Data format as described in the POST request description. |
| 5 | POST | /wkpaper | Creates a new User Data file.  The payload is the User Data file.  Returns the User Data File ID and maybe the URI.  XML Format:  Revisit   * Request Id * Name/values   <userData xmlns="<http://tax.thomsonreuters.com>">   <meta>     <type>user data</type>     <user>Jane Doe 41</user>     <id>2723519433344226522</id>      <templateFile>/template/C2903000/bin/C2903000.xlsx</templateFile>   </meta>   <feed>     <dnames>       <dname>         <name>I\_0001</name>         <value>1001.25</value>       </dname>       <dname>         <name>I\_0002</name>         <value>1002.25</value>       </dname>       <dname>         <name>BegMnA.block</name>         <value>44442.98</value>       </dname>       <dname>         <name>EndMnA.block</name>         <value>17772.34</value>       </dname>       <dname>         <name>EndMnA.block</name>         <value>27772.34</value>       </dname>     </dnames>   </feed> </userData>  JSON Format (not yet implemented):  {   "meta": {     "type": "user data",     "user": "Jane Doe 41",     "id": "2723519433344226522",     "templateFile": "/template/C2903000/bin/C2903000.xlsx"   },   "feed": {"dnames": [     {"dname": {       "name": "I\_0001",       "val": "1001.25"     }},     {"dname": {       "name": "I\_0002",       "val": "1002.25"     }},     {"dname": {       "name": "BegMnA.block",       "val": "44442.98"     }},     {"dname": {       "name": "EndMnA.block",       "val": "17772.34"     }},     {"dname": {       "name": "EndMnA.block",       "val": "27772.34"     }}   ]} } |
| 6 | DELETE | /wkpaper?rs:id=10041 | Deletes the User Data file. |