Workpaper REST Endpoints:

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| --- | --- |
| **Endpoint** | **Description** |
| /template | Template API |
| /datarequest | Data Request API |

A simple search portal for both the template and user data is available here. => <http://glm-ml-dev.amers1.cis.trcloud:8010/>

**/template**

| # | Type | Action |
| --- | --- | --- |
| 1 | POST | Uploads a new template file that physically resides on the local client directory. |
| 2 | GET File | Returns specific template spreadsheet file. |
| 3 | DELETE | Soft Delete – Archives the Template file and its metadata. |

**/datarequest**

| # | Type | Action |
| --- | --- | --- |
| 1 | POST | Creates a new User Data file. |
| 3 | GET Merged File | Return merged spreadsheet file. Returns binary xlsx file. |
| 4 | GET Specific User Doc | Return User Data File. Returns specific user data file. |

Endpoint Details:

1. Template API – Used for Workpaper Template CRUD Operations

| # | Type | Parameters | Action | |
| --- | --- | --- | --- | --- |
| 1 | POST | **Parameters:**  rs:filename – required  **Examples:**  /template  /template?fs:filename=C590300 | Uploads a new template file that physically resides on the local client directory.  The filename must be provided.  The payload is the binary Excel file.  API returns the template ID and URI.  The binary file with its respective metadata file is stored in the dedicated directory (see image). | |
| **Curl Commands:**  In this case, the template file is indicated by “./C5903000.xlsx”.   1. POST Template File with desired filename.   curl -X POST --data-binary @./C5903000.xlsx \  --header "Content-Type:application/vnd.openxmlformats-officedocument.spreadsheetml.sheet" \  http://glm-ml-dev.amers1.cis.trcloud:8017/v1/resources/template?rs:templateName?rs:templateName=HomeDepot-2014-Q2-Earnings\_11251437686954615217\_16 | | |
| 2 | GET File | **Parameters:**  rs:id – Template ID  **Example:**  /template?rs:id=8216640002390149622 | | Returns specific template spreadsheet file. |
| **Curl Commands:**   1. GET Binary by Template ID 8216640002390149622   curl --anyauth --user grusso:password -o templateC5903000.xlsx -X GET \    -H "Accept: application/vnd.openxmlformats-officedocument.spreadsheetml.sheet" \    -r "0-511999" \    http://glm-ml-dev.amers1.cis.trcloud:8010/v1/resources/template?rs:id=8216640002390149622 | | |
| 3 | DELETE | **Parameters:**  rs: templateName  **Examples:**  /template?rs:templateName = HomeDepot-2014-Q2-Earnings\_11251437686954615217\_16 | Deletes the template directory and its contents. | |
| **Curl Commands:**   1. DELETE Template Directory   curl --anyauth --user grusso:password -X DELETE \  -H "Accept: application/xml" \  http://glm-ml-dev.amers1.cis.trcloud:8017/v1/resources/template?rs:templateName= HomeDepot-2014-Q2-Earnings\_11251437686954615217\_16 | | |

1. Data Request API – Used for Workpaper Data Request CRUD Operations

| # | Type | Parameters | Action / Curl command to Test |
| --- | --- | --- | --- |
| 1 | POST | **Parameters:**  rs:templateid – associates the json name/value pairs with the specific spreadsheet template file.  **Example:**  /datarequest?rs:templateId=17395420970371531535  Input   * URI parameter: template Id * Payload: Name/value pairs | Creates a new User Data file.  The payload is the User Data file.  Returns the User Data File ID and maybe the URI.  JSON Format:  { "dnames": [  {"name":"I\_0001", "value":"1001.25"},   {"name":"I\_0002", "value":"1002.25"},   {"name":"BegMnA.block","value":"44442.98"},  {"name":"EndMnA.block","value":"17772.34"},  {"name":"EndMnA.block","value":"27772.34"} ] } |
| **Curl Commands:**   1. POST User Data   curl --anyauth --user grusso:password -X POST \  -H "Content-Type: application/json" \  -d '{"dnames":[{"name":"I\_0001","value":"1111.25"},{"name":"I\_0002","value":"2222.25"},{"name":"EndMnA.block","value":"27772.34"}]}' \  http://glm-ml-dev.amers1.cis.trcloud:8017/v1/resources/datarequest?rs:id=17395420970371531535   1. POST User Data File – Used above json but is stored in file called ./data1.txt   curl --anyauth --user grusso:password --data @./data1.txt -X POST \  -H "Content-Type: application/json" \  http://glm-ml-dev.amers1.cis.trcloud:8017/v1/resources/datarequest?rs:id=17395420970371531535 | |
| 2 | GET Merged Doc |  |  |
| **Curl Commands:** | |