

# RestApi

The RestApi plugin lets you reference an Api and return a string or JSON response.

Parameters are as follows, examples are shown in bold:

Source	The id of an "api" type <a href="#">Data Source</a> that has been set up in fAdmin. The uri parameter of the Data Source contains the domain of the API resource <b>ClientOrdersApi</b>
Resource	The api resource required <b>orders/1023</b>
QueryString	Optional querystring parameters. These should be given as comma separated IDs, and then the parameter values you require added afterwards. The following example would result in <i>"?option=6&amp;type=small"</i> being passed to the api. <b>option,type</b> <b>option=6</b> <b>type=small</b>
Token	Optional bearer token (usually passed via a function which refers to a value in another data group). This will be passed within a header as "Bearer". <b>=RAWVALUE(Token,TokenDataGroup)</b>
Form	For post method, a JSON dictionary of form values <b>{"UserId":"abc123","Password":"je83d!m"}</b>
Method	<b>get</b> (default) or <b>post</b>
Root	Optional path to the root of the section required <b>orderLines[2].product</b>
AsString	<b>true</b> if a string value is expected or required (saved as column "Response")

## Schema Considerations

In order for a schema to be built (for fDocs to build a tag list or fPanels to show the field), a valid response must be returned from the Api assuming any Placeholders are 0 if they are numeric, or blank if they are string.

For the above example, assuming "orders/#OrderId#" is used in the resource parameter above, and that #OrderId# is a User Entry (in numeric format), then running the Api with orders/0 must return a valid JSON in order for a valid schema to be built.

If this would cause the Api to fail to give a response, then create a new [Placeholder](#) in your Data Group that has the format of "Sample" and enter a sample value that would return a valid response for the schema. This new placeholder should have a function entered (for example, **=USERENTRY(OrderId)**) that takes the value from the User Entry when the end user requests a report, and use this new placeholder's Id in the resource parameter above,

rather than the Id of the User Entry.