

caDSR II API Swagger

The following page lists all the caDSR II and caDSR Legacy APIs that are currently available, as well as the deprecated APIs. Swagger files for available caDSR II APIs:

<https://cadsrapi.cancer.gov/NCIAPortal/>

For example, the "Get Form Data with Collections" API accepts a Form ID and Protocol ID as input and returns all the components of the form: Form information, Modules, Questions, and Valid Values, including all instructions for each section of the form.

The following table describes each API:

API	Description										
caDSR getJSON	caDSR II APIs that return results in JSON.										
caDSR getXML	caDSR II APIs that return content as XML.										
caDSR getHTML	caDSR II APIs that return content as HTML for viewing and linking to Collections from a web browser.										
caDSR II Get PV JSON	caDSR II API that directly returns the Permissible Values for a CDE. Results are in JSON.										
caDSR II Get PV XML	caDSR II API that directly returns the Permissible Values for a CDE. Results are in XML.										
caDSR II Get Model APIs	<p>A set of caDSR II APIs that query Data Models registered in caDSR, when the models have been semantically linked. Results are in XML or JSON.</p> <table border="1"> <thead> <tr> <th>API</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>GetModelAttributes</td> <td>Returns all the tables and attributes in a Target model.</td> </tr> <tr> <td>GetModelMappedElements</td> <td>Returns the table/attribute in a Target model that is mapped to a table/attribute in a Source model, usually one-to-one but can return more than one.</td> </tr> <tr> <td>GetModelMappedTableElements</td> <td>Returns all the attributes in a Target model that are mapped to a table in a Source Model, one-to-many.</td> </tr> <tr> <td>GetModelMappedValues</td> <td>Returns the valid value for an attribute in a Target model that is mapped to a valid value in the Source Model table/attribute, usually one-to-one.</td> </tr> </tbody> </table>	API	Description	GetModelAttributes	Returns all the tables and attributes in a Target model.	GetModelMappedElements	Returns the table/attribute in a Target model that is mapped to a table/attribute in a Source model, usually one-to-one but can return more than one.	GetModelMappedTableElements	Returns all the attributes in a Target model that are mapped to a table in a Source Model, one-to-many.	GetModelMappedValues	Returns the valid value for an attribute in a Target model that is mapped to a valid value in the Source Model table/attribute, usually one-to-one.
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caDSR II Get Form with Collections	<p>caDSR II API that returns a "flattened" form:</p> <ul style="list-style-type: none"> • All of the form's Modules and their instructions. • All of the form's Questions and their instructions. • All of the form's Valid Values and their instructions. <p>The form can be queried using the Form ID and Version and optionally a Protocol Short Name.</p>										