

cURL <sup>1</sup> Request	Server Response
<p><b>curl</b> <i>ResourceDescriptionURI</i> (e.g., <b>curl</b> <a href="http://51.77.148.187:5001/resourceDescription/getAirTemperature.md">http://51.77.148.187:5001/resourceDescription/getAirTemperature.md</a>)</p>	<p>The corresponding hydra-based resource description expressed in JSON.</p>
<p><b>Curl</b> -d '{"K":<i>number of candidate resources</i>, "operation":["user requested function"], "Qres":["<b>Dynamicity</b>:min-max", "<b>Availability</b>:min-max"], "Qf":["<b>Cost</b>:min-max", "<b>Usage</b>:min-max"], "url":["The resources URLs pointed by the indexing schema from which the resource discovery will start crawling the resource graph to identify the necessary resources"]}' -H "Content-Type: application/json" -X <b>POST</b> <i>ResourceDiscoveryURI</i></p> <p>(e.g., <b>Curl</b> -d '{"K":"1", "operation":["EDP"], "Qres":["<b>Dynamicity</b>:0-1", "<b>Availability</b>:0-95"], "Qf":["<b>Cost</b>:0-70", "<b>Usage</b>:2-80"], "url":["<a href="http://51.77.148.187:5001/resource/getairtemperature">http://51.77.148.187:5001/resource/getairtemperature</a>", "<a href="http://51.77.148.187.5001/resource/getclimtemperature">http://51.77.148.187.5001/resource/getclimtemperature</a>"]}' -H "Content-Type: application/json" -X <b>POST</b> <a href="http://51.77.148.187.5001/resource/discovery">http://51.77.148.187.5001/resource/discovery</a>)</p>	<p>The set of resource URIs that form the required composition(s) answering user requested function.</p> <p>(e.g.,  ['<a href="http://localhost:5000/resource/getairtemperature">http://localhost:5000/resource/getairtemperature</a>',  '<a href="http://localhost:5000/resource/getclimtemperature">http://localhost:5000/resource/getclimtemperature</a>',  '<a href="http://localhost:5000/resource/missvaldetection">http://localhost:5000/resource/missvaldetection</a>',  '<a href="http://localhost:5000/resource/missvalinterpolation">http://localhost:5000/resource/missvalinterpolation</a>',  '<a href="http://localhost:5000/resource/outvaldetection">http://localhost:5000/resource/outvaldetection</a>',  '<a href="http://localhost:5000/resource/outvalinterpolation">http://localhost:5000/resource/outvalinterpolation</a>',  '<a href="http://localhost:5000/resource/predheatengcons">http://localhost:5000/resource/predheatengcons</a>'])])</p>

<sup>1</sup> **client URL**, is a command-line tool for getting or sending data to a server including files using URI syntax