

Catalogue Discovery Object (Draft)

The catalogue discovery object allows clients to discover resources registered in a catalogue, by providing three operations named `queryCatalogue`, `catalogueDescription`, and `catalogueDomain`. This object is always implemented by catalogue service implementations.

Name:	Catalogue Discovery
Description:	Discover the metadata available for a data asset or a set of assets
Correspondence:	Engineering Viewpoint: discover asset configuration
Operations:	<p>queryCatalogue</p> <p>This operation enables formulating a query against a catalogue and return the url to the query result or table formatted output (depending on the size of the result)</p> <p>describeCatalogue</p> <p>Allows clients to retrieve a description or reference to the structure (schema), queryables, element sets, and formats of the metadata used for one or more registered resource types.</p> <p>catalogueDomain</p> <p>Allows clients to retrieve domain values for the different metadata elements</p>
API Template:	discovery_service_api.yaml
Based on	Discovery class of the OGC Catalogue Services 3.0 - General Model
Example technologies	<p>pycsw: an OGC CSW server implementation written in Python</p> <p>CKAN: CKAN can harvest CSW data when importing records and includes a CSW server to present a CSW interface to its own data.</p>
Support in other models	Australia's : National Environmental Information Infrastructure: Reference Architecture