

Catalogue Services for the Web (CSW)

Examples of Operations:

Following are various examples of POST requests to the CSW service implemented by the Spatial Data Infrastructure of Spain.

- **GetCapabilities**: Request for the “Spatial Data Infrastructure -CSW” service characteristics:

```
<?xml version='1.0' encoding='UTF-8'?>
<csw:GetCapabilities service='CSW' version='2.0.0'
xmlns:csw='http://www.opengis.net/cat/csw'>
<csw:AcceptVersions>
<csw:Version>2.0.0</csw:Version>
</csw:AcceptVersions>
<csw:AcceptFormats>
<csw:OutputFormat>text/xml</csw:OutputFormat>
</csw:AcceptFormats>
</csw:GetCapabilities>
```

- **GetRecords**: Request for the IDEE catalog registries IDEE whose theme, title or description is Madrid:

```
<?xml version='1.0' encoding='UTF-8'?>
<GetRecords service='CSW' version='2.0.0'
xmlns='http://www.opengis.net/cat/csw' xmlns:ogc='http://www.opengis.net/ogc'
startPosition='1' maxRecords='50' outputFormat='text/xml'
resultType='results'>
<Query typeNames='Dataset' xmlns:gml='http://www.opengis.net/gml'>
<ElementSetName typeNames='Dataset'>full</ElementSetName>
<Constraint version='1.0.20'>
<ogc:Filter>
<And>
<Not>
<PropertyIsLike>
<PropertyName>type</PropertyName>
<Literal>SERVICIO</Literal></PropertyIsLike>
</Not>
<Or>
<Or>
<PropertyIsLike>
<PropertyName>subject</PropertyName>
<Literal>madrid</Literal>
</PropertyIsLike>
<PropertyIsLike>
<PropertyName>title</PropertyName>
<Literal>madrid</Literal>
</PropertyIsLike>
</Or>
<PropertyIsLike>
<PropertyName>description</PropertyName>
```

```
    <Literal>madrid</Literal>
  </ PropertyIsLike>
</Or>
</And>
</ogc:Filter>
</Constrain>
</Query>
</ GetRecords>
```