# Animal\_Data Service

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## Full XML

<data description="multiple services per each table" disableLegacyBoxcarringMode="false" enableBatchRequests="false" enableBoxcarring="false" name="Animal\_DataService" serviceNamespace="http://HMRC.com/Animals" serviceStatus="active" transports="http https">

<config id="default">

<property name="carbon\_datasource\_name">HMRC</property>

</config>

<query id="update\_Animal\_query" useConfig="default">

<sql>UPDATE Animal SET Animal\_Name=? WHERE Id=?</sql>

<param name="Animal\_Name" ordinal="1" paramType="SCALAR" sqlType="STRING" type="IN"/>

<param name="Id" ordinal="2" paramType="SCALAR" sqlType="INTEGER" type="IN"/>

</query>

<query id="delete\_Animal\_query" useConfig="default">

<sql>DELETE FROM Animal WHERE Id=?</sql>

<param name="Id" ordinal="1" paramType="SCALAR" sqlType="INTEGER" type="IN"/>

</query>

<query id="select\_with\_key\_Animal\_query" useConfig="default">

<sql>SELECT Id, Animal\_Name FROM Animal WHERE Id=?</sql>

<param name="Id" ordinal="1" paramType="SCALAR" sqlType="INTEGER" type="IN"/>

<result element="AnimalCollection" rowName="Animal">

<element column="Id" name="Id" xsdType="xs:integer"/>

<element column="Animal\_Name" name="Animal\_Name" xsdType="xs:string"/>

</result>

</query>

<query id="insert\_Animal\_query" useConfig="default">

<sql>INSERT INTO Animal(Id,Animal\_Name) VALUES(?,?)</sql>

<param name="Id" ordinal="1" paramType="SCALAR" sqlType="INTEGER" type="IN"/>

<param name="Animal\_Name" ordinal="2" paramType="SCALAR" sqlType="STRING" type="IN"/>

</query>

<query id="select\_all\_Animal\_query" useConfig="default">

<sql>SELECT Id, Animal\_Name FROM Animal</sql>

<result element="AnimalCollection" rowName="Animal">

<element column="Id" name="Id" xsdType="xs:integer"/>

<element column="Animal\_Name" name="Animal\_Name" xsdType="xs:string"/>

</result>

</query>

<operation name="insert\_Animal\_operation">

<call-query href="insert\_Animal\_query">

<with-param name="Animal\_Name" query-param="Animal\_Name"/>

<with-param name="Id" query-param="Id"/>

</call-query>

</operation>

<operation name="delete\_Animal\_operation">

<call-query href="delete\_Animal\_query">

<with-param name="Id" query-param="Id"/>

</call-query>

</operation>

<operation name="select\_all\_Animal\_operation">

<call-query href="select\_all\_Animal\_query"/>

</operation>

<operation name="update\_Animal\_operation">

<call-query href="update\_Animal\_query">

<with-param name="Animal\_Name" query-param="Animal\_Name"/>

<with-param name="Id" query-param="Id"/>

</call-query>

</operation>

<operation name="select\_with\_key\_Animal\_operation">

<call-query href="select\_with\_key\_Animal\_query">

<with-param name="Id" query-param="Id"/>

</call-query>

</operation>

</data>

## Select\_with\_Key\_Animal\_Operation

### Request

<body>

<p:select\_with\_key\_Animal\_operation xmlns:p="http://HMRC.com/Animals">

<!--Exactly 1 occurrence-->

<xs:Id xmlns:xs="http://HMRC.com/Animals">2</xs:Id>

</p:select\_with\_key\_Animal\_operation>

</body>

### Response

<AnimalCollection xmlns="http://HMRC.com/Animals">

<Animal>

<Id>2</Id>

<Animal\_Name>Cat</Animal\_Name>

</Animal>

</AnimalCollection>

## Delete\_Animal\_Operation

### Request

<body>

<p:delete\_Animal\_operation xmlns:p="http://HMRC.com/Animals">

<!--Exactly 1 occurrence-->

<xs:Id xmlns:xs="http://HMRC.com/Animals">?</xs:Id>

</p:delete\_Animal\_operation>

</body>

## Insert\_Animal\_Operation

### Request

<body>

<p:insert\_Animal\_operation xmlns:p="http://HMRC.com/Animals">

<!--Exactly 1 occurrence-->

<xs:Id xmlns:xs="http://HMRC.com/Animals">5</xs:Id>

<!--Exactly 1 occurrence-->

<xs:Animal\_Name xmlns:xs="http://HMRC.com/Animals">Crab</xs:Animal\_Name>

</p:insert\_Animal\_operation>

</body>

### Response

<success details="robust in-only operation"/>