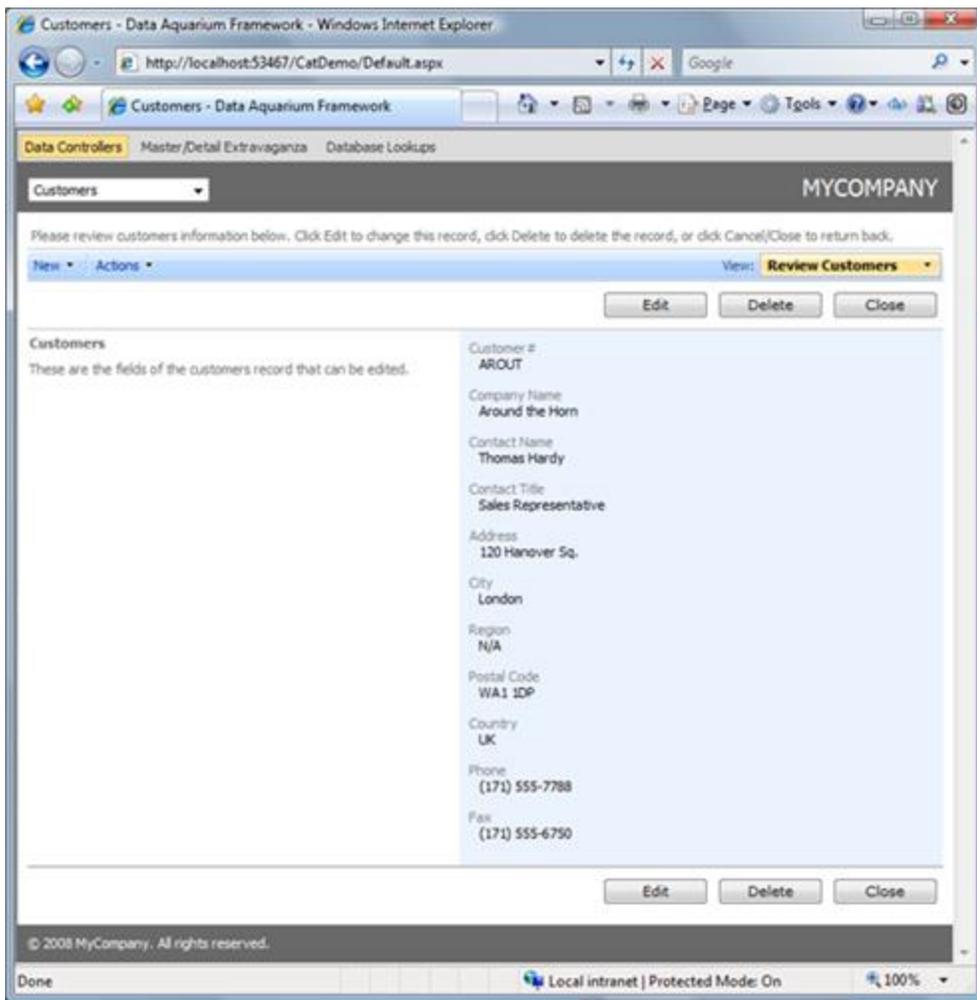


Data Field Categories

[Data Aquarium Framework](#) forces you to break down the data fields displayed in *form* views into categories. At least one category must be present in any *form* view. A *form* view is displaying a single record at a time, when users are viewing, editing, or creating a new record. Here is an example of the *customer* form view in application generated from *Northwind* database. A single category *Customers* includes all data fields.



Let's create a few categories to better present the fields and make it easier to work with *customer* records.

Open `~/Controllers/Customers.xml` file, locate view `editForm1` and change the data field categories as follows.

```
<view id="editForm1" type="Form" commandId="command1" label="Review
Customers">
  <headerText>Please review customers information below. Click Edit to change
this record,
  click Delete to delete the record, or click Cancel/Close to return
back.</headerText>
  <categories>
    <category headerText="Customer Code and Name">
      <description>Customer number is a five-character long field. Please use
upper case
      letters only and try to create an abbreviation from the full customer
company name.</description>
      <dataFields>
        <dataField fieldName="CustomerID" columns="5" />
        <dataField fieldName="CompanyName" columns="40" />
      </dataFields>
    </category>
    <category headerText="Contact Information">
      <description><![CDATA[Contact information including contact name,
title, customer
      phone number and fax must be entered. Please use our
      <a href="http://company/policies" target="_blank">policies and
procedures</a>
      when verifying phone and fax number. It is <b>your responsibility</b>
to follow the company procedures in all interactions with
customers.]]> </description>
      <dataFields>
        <dataField fieldName="ContactName" columns="30" />
        <dataField fieldName="ContactTitle" columns="30" />
        <dataField fieldName="Phone" columns="24" />
        <dataField fieldName="Fax" columns="24" />
      </dataFields>
    </category>
  </categories>
</view>
```

```
    </dataFields>
  </category>
  <category headerText="Delivery Address">
    <description>Customer address, city, region, postal code, and country
must be recorded
    in this section. Please make sure to verify the customer address with
atlas of
    commercial deliveries.</description>
    <dataFields>
      <dataField fieldName="Address" />
      <dataField fieldName="City" columns="15" />
      <dataField fieldName="Region" columns="15" />
      <dataField fieldName="PostalCode" columns="10" />
      <dataField fieldName="Country" columns="15" />
    </dataFields>
  </category>
</categories>
</view>
```

Select and edit the same record in *customer* grid view. Your form will look like the one below.

Customers - Data Aquarium Framework - Windows Internet Explorer
 http://localhost:53467/CatDemo/Default.aspx

Customers - Data Aquarium Framework

Data Controllers Master/Detail Extravaganza Database Lookups

Customers MYCOMPANY

Please review customers information below. Click Edit to change this record, click Delete to delete the record, or click Cancel/Close to return back.

Record View: Review Customers

* - indicates a required field

OK Delete Cancel

Customer Code and Name
 Customer number is a five-character long field. Please use upper case letters only and try to create an abbreviation from the full customer company name.

Customer # *
 AROUT

Company Name *
 Around the Horn

Contact Information
 Contact information including contact name, title, customer phone number and fax must be entered. Please use our [policies and procedures](#) when verifying phone and fax number. It is **your responsibility** to follow the company procedures in all interactions with customers.

Contact Name
 Thomas Hardy

Contact Title
 Sales Representative

Phone
 (171) 555-7788

Fax
 (171) 555-6750

Delivery Address
 Customer address, city, region, postal code, and country must be recorded in this section. Please make sure to verify the customer address with atlas of commercial deliveries.

Address
 120 Hanover Sq.

City
 London

Region

Postal Code
 WA1 1DP

Country
 UK

* - indicates a required field

OK Delete Cancel

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Done Local intranet | Protected Mode: On 100%

Data field categories provide a convenient tool to organize data fields in a *form* view and provide rich *HTML* instructions to application users.