

# Step 1

```
[
  {
    "formId": "1",
    "formName": "Personal Information Form",
    "formTitle": "Please submit your information:",
    "formFields": [
      {
        "label": "First Name",
        "name": "firstName",
        "type": "text"
      },
      {
        "label": "Last Name",
        "name": "lastName",
        "type": "text"
      },
      {
        "label": "Age",
        "name": "age",
        "type": "number"
      },
      {
        "label": "Short Biography",
        "name": "bio",
        "type": "textarea"
      }
    ]
  },
  {
    "formSubmitUrl": "https://example.com/"
  },
  {
    "formId": "2",
    "formName": "Favorite Animal Form",
    "formTitle": "What is your favorite animal?",
    "formFields": [
      {
        "label": "Animal Name",
        "name": "animal",
        "type": "text"
      }
    ]
  },
  {
    "formSubmitUrl": "https://example.com/"
  },
  {
    "formId": "3",
    "formName": "Car Mechanic Form",
    "formTitle": "Please answer these questions:",
    "formFields": [
      {
        "label": "Year/make/model",
        "name": "car",
        "type": "text"
      },
      {
        "label": "Your complaint",
        "name": "complaint",
        "type": "textarea"
      }
    ]
  },
  {
    "formSubmitUrl": "https://example.com/"
  }
]
```

AJAX ➡ JSON ➡ Render HTML Table

Form Id	Form Name	Action
1	Personal Information Form	<button>Render</button>
2	Favorite Animal Form	<button>Render</button>
3	Car Mechanic Form	<button>Render</button>

## Step 2

Form Id	Form Name	Action
1	Personal Information Form	<button>Render</button>
2	Favorite Animal Form	<button>Render</button>
3	Car Mechanic Form	<button>Render</button>

Click "Render" Button

AJAX

```
[
{
  "formId": "1",
  "formName": "Personal Information Form",
  "formTitle": "Please submit your information:",
  "formFields": [
    {
      "label": "First Name",
      "name": "firstName",
      "type": "text"
    },
    {
      "label": "Last Name",
      "name": "lastName",
      "type": "text"
    },
    {
      "label": "Age",
      "name": "age",
      "type": "number"
    },
    {
      "label": "Short Biography",
      "name": "bio",
      "type": "textarea"
    }
  ],
  "formSubmitUrl": "https://example.com/"
}
]
```

JSON → HTML Form

Please submit your information:

First Name:

Last Name:

Age:

Short Biography:

# Step 3

```
<div class="form-wrapper"></div>
```



```
$( '.form-wrapper' ).renderForm( form ).addClass( 'form-wrapper' );
```



```
<form role="form" action="https://example.com/" method="get" class="form">

  <div class="title">Please submit your information:</div>

  <div class="elements">
    <div class="el-wrapper">
      <label>First Name:</label>
      <input type="text" name="firstName">
    </div>
    <div class="el-wrapper">
      <label>Last Name:</label>
      <input type="text" name="lastName">
    </div>
    <div class="el-wrapper">
      <label>Age:</label>
      <input type="number" name="age">
    </div>
    <div class="el-wrapper">
      <label>Short Biography:</label>
      <textarea rows="4" cols="50" name="bio"></textarea>
    </div>
  </div>

  <div class="submit-wrapper">
    <input type="submit" value="Submit" class="submit">
  </div>

</form>
```