

组件构成

你的应用是这样被构建出来的，在你的HTML模板文件中定义各种MontageJS的组件，然后把它们组合在一起。

Repetition

它是一个重复 `content` 数组的组件。以下的定义会告诉 `Repetition` 组件重复 `li`，也就是重复它对应的 `Text` 组件，重复的次数是 `content` 数组的长度（在这个例子中是三次）。

```
<script type="text/montage-serialization">
{
  "repetition": {
    "prototype": "montage/ui/repetition.reel",
    "properties": {
      "element": {"#": "repetition"},
      "content": [1,2,3]
    }
  }
  "text": {
    "prototype": "montage/ui/text.reel",
    "properties": {
      "element": {"#": "text"},
      "value": "hello"
    }
  }
}
</script>

<body>
  <ul data-montage-id="repetition">
    <li data-montage-id="1"><div data-montage-id="text">hello</div></li>
    <li data-montage-id="2"><div data-montage-id="text">hello</div></li>
    <li data-montage-id="3"><div data-montage-id="text">hello</div></li>
  </ul>
</body>
```

```
<li data-montage-id="text"></li>
</ul>
</body>
```

Condition

例如以下的 `Condition` 组件设置只有当 `condition` 属性的值为 `true` 的时候才显示 `span` 的 `value` "This is the truth"。在这个例子中 `condition` 为 `false`，使得 `span` 不显示。

```
<script type="text/montage-serialization">
{
  "condition": {
    "prototype": "montage/ui/condition.reel",
    "properties": {
      "element": {"#": "condition"},
      "condition": false
    }
  }
  "text": {
    "prototype": "montage/ui/text.reel",
    "properties": {
      "element": {"#": "text"},
      "value": "This is the truth"
    }
  }
}
</script>

<body>
  <div data-montage-id="condition">
    <span data-montage-id="text"></span>
  </div>
</body>
```

Substitution

Substitution 组件是让一组组件根据 **value** 的值只显示一个。

```
<script type="text/montage-serialization">
{
  "customerNameSubstitution": {
    "prototype": "montage/ui/substitution.reel"
    "properties": {
      "element": {"#": "customerNameSubstitution"},
      "switchComponents": {
        "read" : "montage/ui/text.reel"
        "edit" : "montage/ui/input-text.reel"
      }
      "switchValue": "read"
    },
    "bindings": {
      "value": {
        "<-" : "@customer.name"
      }
    }
  }
}
</script>

<body>
  Customer name: <div data-montage-id="customerNameSubstitution">
</div>
</body>
```

组件模板参数

CustomComponent 组件可以使用一个模板参数来替换它里面的内容。模板参数是指具有 **data-arg** 属性的DOM节点。这个节点被标识成一个占位符，它的具体内容由外部的使用者提供。

```

<script type="text/montage-serialization">{
  "CustomComponent": {
    "prototype": "my/custom-component.reel",
    "properties": {
      "element": {"#": "CustomComponent"}
    }
  }
  "text": {
    "prototype": "montage/ui/text.reel",
    "properties": {
      "element": {"#": "text"},
      "value": "I'm included."
    }
  }
}</script>

```

```

<body>
  <div data-montage-id="CustomComponent">
    <!-- inner template -->
    <span data-montage-id="text"></span>
  </div>
</body>

```

CustomComponent 的模板:

my/custom-component.reel/custom-component.html

```

<script type="text/montage-serialization">{
  "owner": {
    "prototype": "my/custom-component.reel"
  }
}</script>

<body>
  <div>
    <!-- template argument to be replaced by inner template -->
    <span data-arg="*"></span>
  </div>

```

```
    <span data-arg- " </span>
  </div>
</body>
```