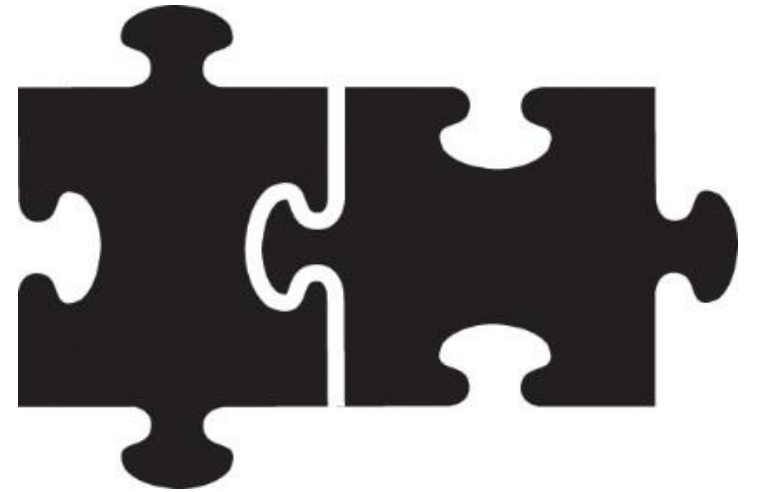


Week 2 Unit 5: Binding Contexts with Element Binding

Binding Contexts with Element Binding

Binding types (recap)

- **Property binding**
allows properties of the control to be automatically initialized and updated from model data.
- **Aggregation binding**
can be used to automatically create child controls according to model data. This can be done either by cloning a template control or by using a factory function.
- **Element binding**
allows you to bind elements to a specific object in the model data, which will create a binding context and allow relative binding within the control and all of its children.



Binding Contexts with Element Binding

Binding types (recap)

```
{  
  "company": {  
    "name": "Treefish Inc",  
    "info": {  
      "employees": "3"  
    },  
    "contacts": [  
      {  
        "name": "Barbara",  
        "phone": "873"  
      },  
      {  
        "name": "Gerry",  
        "phone": "734"  
      }  
    ]  
  }  
}
```

Property binding `{/company/name}`

Aggregation binding `{/company/contacts}`

Element binding `{/company/contacts/1}`

Treefish Inc

Aggregation Binding

Name	Phone
Barbara	873
Gerry	734
Susan	275

Element Binding

Phone

734

Name

Gerry

Property binding: {phone}

Property binding: {name}

Binding Types

Binding Contexts with Element Binding

Element binding & relative property binding

You can “rebind” the parent control to a different context by using the `bindElement(path)` method

```
updateElement: function(index) {  
    oPanel.bindElement("/company/contacts/" + index);  
}
```

JS

Element Binding

Phone

873

Name

Barbara

```
this.updateElement("0");
```

Element Binding

Phone

734

Name

Gerry

```
this.updateElement("1");
```



Thank you

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