

Advanced Routing with UI-Router



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Overview




Nested states and views

Abstract States

Multiple named views

Nested States and Views

Parent



```
.state('classroom', {  
  url: '/classroom/:id',  
  resolve: {},  
  data: {},  
  template: '<div ui-view>'  
})
```

Child


```
.state('classroom.detail', {  
  url: '/classroom_detail/:id',  
  templateUrl: 'somfile.html'  
})
```

Nested States and Views

Parent

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.state('classroom', {  
  url: '/classroom/:id',  
  resolve: {},  
  data: {},  
  template: '<div ui-view>'  
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Child




```
.state('classroom.detail', {  
  url: '/classroom_detail/:id',  
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Nested States and Views


Parent

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.state('classroom', {  
  url: '/classroom/:id',  
  resolve: {},  
  data: {},  
  template: '<div ui-view>'  
})
```




Child

```
.state('classroom.detail', {  
  url: '/classroom_detail/:id',  
  templateUrl: 'somfile.html'  
})
```



Specifying Nested States

```
.state('classroom', {  
  url: '/classroom/:id',  
  template: '<div ui-view>'  
})  
.state('classroom.summary', {  
  url: '/classroom_summary/:id'  
  // ...  
})  
.state('classroomDetail', {  
  url: '/classroom_detail/:id',  
  parent: 'classroom'  
  // ...  
})  
.state('classroomSchedule', {  
  url: '/classroom_schedule/:id',  
  parent: classroom  
  // ...  
})
```



Abstract States

- Cannot be activated
- Activated implicitly by child states
- URL is prepended to child states
- Otherwise functions like other parent states

Multiple Named Views

```
<div ui-view="classMessage"></div>
```

```
<div ui-view="classInfo"></div>
```



```
.state('classroom', {  
  url: '/',  
  views: {  
    'classMessage': {  
      templateUrl: '/app/templates/classroom_message.html',  
      controller: 'ClassroomMessageController'  
    },  
    'classInfo': {  
      templateUrl: '/app/templates/classroom_info.html',  
      controller: 'ClassroomInfoController'  
    }  
  }  
})
```


Multiple Named Views

```
<div ui-view="classMessage"></div>
```

```
<div ui-view="classInfo"></div>
```

```
.state('classroom', {  
  url: '/',  
  views: {  
     'classMessage': {  
    templateUrl: '/app/templates/classroom_message.html',  
    controller: 'ClassroomMessageController'  
  },  
  'classInfo': {  
    templateUrl: '/app/templates/classroom_info.html',  
    controller: 'ClassroomInfoController'  
  }  
})  
})
```

Summary



Nested States and Views

Abstract States

Multiple Named Views