

## Backbone Views Cheat Sheet

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### Creating Views

```
var SongView = Backbone.View.extend({  
    tagName: "span",  
    className: "song",  
    id: "1234",  
    attributes: {  
        "data-genre": "Jazz"  
    },  
    render: function() {  
        this.$el.html(...);  
        return this;  
    }  
});  
  
var songView = new SongView();  
$("#container").html(songView.render().$el);
```

### Passing Data to Views

```
var song = new Song({...});  
var songView = new SongView({ model: song });  
  
var SongView = Backbone.View.extend({  
    render: function() {  
        this.$el.html(this.model.get("title"));  
        return this;  
    }  
});
```

## Handling DOM Events

```
var SongView = Backbone.View.extend({  
  
  events: {  
    "click .bookmark": "onClickBookmark"  
  },  
  
  onClickBookmark: function(e){  
    var $targetElement = $(e.target);  
    ...  
  }  
  
});
```

## Handling Model Events

```
var SongView = Backbone.View.extend({  
  
  initialize: function(){  
    this.model.on("change", this.render, this);  
  }  
  
});
```

## Handling Collection Events

```
var SongView = Backbone.View.extend({  
  
  initialize: function(){  
    this.model.on("add", this.add, this);  
  }  
  
  add: function(model) {  
    ...  
  }  
  
});
```

## Templating

```
var SongView = Backbone.View.extend({

  render: function(){
    var source = $("#songTemplate").html();
    var template = _.template(source);

    this.$el.html(template(this.model.toJSON()));

    return this;
  }
});

<script type="text/html" id="songTemplate">
  <%= title %>
  <% if (downloads > 1000) { %>
    Popular
  <% } %>
</script>
```

## Contact

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