

Essential Knockout and JavaScript Tips

Round 6: Manual Subscriptions

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pluralsight 
hardcore developer training

Subscriptions



Listening for Changes on Observables



Manual Subscriptions

Subscribe to
Changes on
Observables of
all Types

Make Async
Changes

Great for
debugging
and
performance
testing

ViewModel
can React to
Changes in
Itself

Reacting via Subscriptions



Subscribe to Change Notifications

```
var movie = ko.observable();
```

```
movie.subscribe(function (val) {  
    console.log(val);  
})
```

Perform Action When an Observable,
Computed or ObservableArray Changes

Async Actions

Perform Action When carMake changes

```
vm.carMake.subscribe(function (newValue) {  
    $.ajax({  
        url: '/getCarModels',  
        data: ko.toJSON({  
            id: newValue.id  
        }),  
        datatype: "json",  
        contentType: "application/json charset=utf-8",  
        success: function (data) {  
            vm.carModels(data.carModels);  
        }  
    });  
});
```


Subscribing to Change Notifications



Recap

Subscribe to
Changes and
React in a
Custom Way

Works on the
Core
Observables

Sync or Async
Custom Logic

Debugging