

VISUALFORCE REMOTE OBJECTS

A SIMPLE APP

What Are They?

- * Apex components compiled into JS objects.
 - * `<apex:remoteObjectModel name="My_Obj__c" jsShorthand="MyObj"/>`
 - * `var mo = new SObjectModel.MyObj();`
- * Different from Remote Action & Connection.js
- * Available in v31.0+

When to use

- * Simple CRUD operations in Javascript apps
- * Front-end developer that doesn't know Apex
- * Salesforce1
- * Performance

When not to use

- * Advanced SOQL (sub-queries, joins)
- * Creation of Master Detail relationships
- * Actions that require business logic beyond CRUD

Considerations

- * Only available in Visualforce
- * Controller / Extensions not required
- * Should be declared before running scripts
- * No API usage!

Syntax

- * apex:remoteObjects
 - * Container for all models
- * apex:remoteObjectModel
 - * Object definition
 - * Custom actions
 - * Specify Fields
- * apex:remoteObjectField
 - * Specify field with shorthand

```
<apex:remoteObjects >  
  <apex:remoteObjectModel  
    name="Contact"  
    jsShorthand="con"  
    fields="Id,FirstName,LastName">  
  </apex:remoteObjectModel>  
</apex:remoteObjects>
```


Caveats

- * Name and shorthand must be different
- * All fields used for access/query must be declared
- * Query syntax can be difficult