### WEB/HTML/JavaScript

* Restlets
* web services
  + xsd, xml, json
* Basic html/css/jquery
* Java script - what do prototypes do? - define functionality across a type
* What different ways have you parsed or created an xml document in the past?  What are the issues you ran into?
  + jaxb, Simple, XStream
* XML/XSD Usage
* What is query - what does it provide?
* Explain MVC/MVVM.
* Have you made use of Angular/Knockout/Backbone? (They're all JavaScript frameworks that help implement MVC)
* What is AJAX, and what is JSON?
* What is the purpose of the keyword in JavaScript?
* How would you clone an object in JavaScript?
  + eval(uneval(...))
  + JSON.decode(JSON.encode(...))
  + $.extend({}, ...)
  + etc
* Demonstrate how you would implement inheritance in JavaScript. (Use two related objects as an example - see code example below)

### AGILE

* What development process do you follow and why?
* Have you ever done scrum/agile before? Are you familiar with it? Can you explain the benefits?
* What is scrum master and product owners role?

### Coherence

* What's the distinction between write-aside and write-behind?
* How do you implement a write-through cache?
* EntryProcessors - execution guarantees, execution thread, implication of calling into other caches, implementation requirements
* What happens if a get() is invoked whilst an EntryProcessor is executing?
* Invocables - execution guarantees, execution thread
* Describe how Extractors work
* Describe the serialization technologies supported by Coherence: default Java Serializable, Externalizable, ExternalizableLite, POF
* Filters
* MapListeners
* MapTriggers
* Describe cache types - partitioned, replicated, near
* What happens when an object is put into a machine-safe partitioned cache?
* How do you index a cache and what are the side effects?
* How do you estimate the heap size requirements of a cache?
* Describe partitions.
* What is Map Reduce?
* How do you do Map Reduce in coherence?

**Rest**

* How to handle the timezone in rest service if request is coming from multiple timezone