

UCDLFx19 May 20, 2019

## Wait What? Getting your bearings with ServerSpec

### Helpful URLs

Conference site: <https://ucdlfx2019.sched.com>

Slides for this workshop: <https://github.com/hardyoyo/ucdlfx19-serverspec-workshop>

### Scenario One, Static, what are we testing?

server names	details
<ul style="list-style-type: none"><li>• www1.fakeuniversity.space</li><li>• www2.fakeuniversity.space</li><li>• bubbles.fakeuniversity.space</li></ul>	<ul style="list-style-type: none"><li>• OS: Ubuntu</li><li>• port: 80</li><li>• package: apache2</li><li>• version: 2.4.7-1ubuntu4.1</li></ul>

### Scenario Two: Hyrax? what are we testing?

server name	details
hyraxdemo.fakeuniversity.space	<ul style="list-style-type: none"><li>• OS: Ubuntu</li><li>• services: PostgreSQL, Solr, Fcrepo, Apache</li><li>• ports: 3306, 8081, 80, 443, 8983</li><li>• packages: postgresql-10, postgresql-client-10, apache, tomcat... ugh, too much</li></ul>

### Services

database: PostgreSQL	<ul style="list-style-type: none"><li>- port: 5432   service: postgres</li><li>- packages: postgresql-10, postgresql-client-10</li><li>- versions: 10.7-0ubuntu0.18.04.1</li></ul>
Index: Solr	<ul style="list-style-type: none"><li>- port: 8983   service: solr</li><li>- packages: use the binary installer from Solr</li><li>- version: 6.6.2</li></ul>
object store: Fcrepo	<ul style="list-style-type: none"><li>- port: 8080   service: fedora</li><li>- packages: tomcat8 and the fcrepo war file</li><li>version: 8.5.39-1ubuntu1</li><li>data directory: /opt/fedora_data</li><li>- owned by: tomcat8</li><li>- group: tomcat8</li><li>war file: /var/lib/tomcat8/webapps/fedora.war</li><li>- md5sum: 97f265441da5641baa1a8df73ae77765</li></ul>
application server: Apache (Passenger)	<ul style="list-style-type: none"><li>- port 80   service: apache2</li><li>package: apache2</li></ul>
Misc	Java, Ruby, Gems, Capistrano

### Scenario 3: Same-ish