CTS2 Web Application and UI Widget URLs and Code

Below are the URLs and snippets of code that we will use for the web application and UI widgets section of the CTS2 tutorial.

CTS2 Viewer

https://informatics.mayo.edu/vsmc/?showAll=true

High-Throughput Phenontyping

http://www.phenotypeportal.org/

JSFiddle

JsFiddle is a playground for web developers, a tool that may be used in many ways. One can use it as an online editor for snippets build from HTML, CSS and JavaScript. The code can then be shared.

Tooltip Widget

REST call to retrieve a list of Value Sets

http://informatics.mayo.edu/cts2/rest/valuesets

REST call to retrieve a Value Set based on an ID

http://informatics.mayo.edu/cts2/rest/valueset/skos

JSFiddle Tooltip Widget

http://jsfiddle.net/coryendle/n9bWF/

HTML code for new Tooltip

```
<p><a href="#" class="hint_vs" data-id="skos">SKOS</a> Value Set Demo.</p>
```

JavaScript code for changing the fadeIn:

```
$tooltip.html(html).stop(true, true).fadeIn(2000);
```

*JavaScript code to add a display row to the tooltip - **Variable***:

var entryState = valueSetJson.valueSetCatalogEntryMsg.valueSetCatalogEntry.entryState;

*JavaScript code to add a display row to the tooltip - **Row***:

"<tr><td class=\"noWrap\">Entry State:</td><td>" + entryState + "</td></tr>" +

CSS to change background color:

background-color: #f49956;

Dropdown Widget

Retrieve a list of available Value Sets from PHINVADS CTS2 service

http://informatics.mayo.edu/cts2/services/phinvads/valuesets?maxtoreturn=100

Search results for the Value Set Name:

PHVS_BirthCountry_CDC

*Retrieved the resolved values for **PHVS_BirthCountry_CDC***

http://informatics.mayo.edu/cts2/services/phinvads/valueset/PHVS_BirthCountry_CDC/resolution

JSFiddle Dropdown Widget

http://jsfiddle.net/coryendle/bhTaD/

HTML Code for new Dropdown

**

 Country of Birth: <select class="cts2-valueset(name : PHVS_BirthCountry_CDC;max:500)"></select>**