

Suggestions from Dr. Loach

At the moment the code cannot search properly when disconnected from a Cloudant or from lucene - all you can do is type 'all'. These are the steps he needs to try:

- (1) work out a way to have the code identify that it is running locally (i.e. check the URL contains 127.0.0.1:5984)
- (2) build a view in CouchDB that makes a list of sample names and document IDs
- (3) have the code get the result of this view and do a manual search (to first order) for names containing the search term
- (4) feed an array of the matching document IDs to the display template

The function where all this needs to happen is below.

```
//
```

```
function searchResults(val) {

    var search_url;

    // By default return all documents from the search

    search_url = '/' + dbname + '/_all_docs?include_docs=true';

    if ( window.location.host.split(".")[1] == "cloudant" ) {
        search_url = window.location.protocol + '//' +
window.location.host
            + '/' + dbname + '/_design/persephone/_search/assays?
q='
            + val + '&include_docs=true';
    }

    if ( val.toLowerCase() == "all" ) {
        search_url = '/' + dbname + '/_all_docs?include_docs=true';
    };

    $("#materials").empty();

    $.ajax({

        url: search_url,
```

```

dataType: 'json',
async: false,
success: function(data) {

    if ( data.total_rows > 0 ) {

        $("#materials").append('<ul id="output">');

        for ( j = 0; j < data.total_rows; j++ ) {

            var doc = data.rows[j].doc;

            if ( doc.type == "measurement" ) {
                $.tmpl("output_template", doc).appendTo("#output");
            }

        }

        $("#materials").append('</ul>');
        makeCollapsible(document.getElementById('output'));
        $(".hideable").hide();

    }

}

}))

};

```