expero

Equifax Instructions

Workbench Installation

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The workbench is driven primarily by configuration files; we've prepopulated the configurations based on the received tar and default values for a TigerGraph installation. If there are any changes we simply need to update some files to accommodate.

The following files should be in the "Equifax Workbench" zip:
- nginx_template_3.4.0
- ExprFunctions.hpp
- ToolkitQueries.gsql
- expero-workbench-6.0.0-a.tgz

Prerequisites:

1. Updated Nignx Template
    a. Copy the nginx.expero_template to the TigerGraph server
    b. Execute the following, "gadmin config set Nginx.ConfigTemplate @"/Path/To/File"
    c. Run "gadmin config apply -y" to apply the changes
    d. Run "gadmn restart nginx -y" to restart the nginx component
    e. **NOTE**: The template assumes the following directory to exist on the TigerGraph server, "/home/tigergraph". If this is not the case then the lines 198 and 206 to the directory where the Expero Workbench tar will be unpacked

```
location /workbench {
    sendfile on;
    sendfile_max_chunk 1m;
    tcp_nopush on;
    alias /home/tigergraph/workbench/;
    try_files $uri $uri/index.html = 404;
}

location /config {
    sendfile on;
    sendfile_max_chunk 1m;
    tcp_nopush on;
    alias /home/tigergraph/workbench/config/;
    try_files $uri $uri/index.html = 404;
}
```
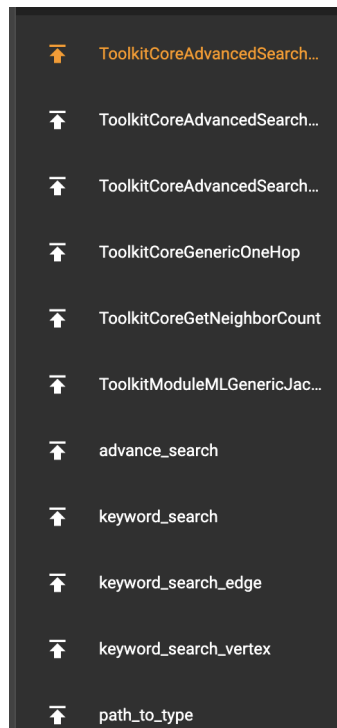
2. Updated ExprFunctions.hpp
    a. Copy the "ExprFunctions.hpp" file to the TigerGraph Server
    b. Start a GSQL Command Line with "gsql"
    c. Run the following command, ' PUT ExprFunctions FROM "Path/To/File/" '
3. Install Required GSQL queries

a. Copy ToolkitQueries.gsql over to the TigerGraph server.
b. Run the following command, "gsql "Path/To/ToolkitQueries.gsql"
c. The following queries should be drafter and installed:

i.

| ToolkitCoreAdvancedSearch… |
| ToolkitCoreAdvancedSearch… |
| ToolkitCoreAdvancedSearch… |
| ToolkitCoreGenericOneHop |
| ToolkitCoreGetNeighborCount |
| ToolkitModuleMLGenericJac… |
| advance_search |
| keyword_search |
| keyword_search_edge |
| keyword_search_vertex |
| path_to_type |

ii. **NOTE:** The queries need not only be drafted, but also need to be installed. Confirm the upload icon exists to the above queries

d. **NOTE**: For configuration the primary graph was assumed to be "Test_20220121_sk". If this is not the case line 1 can be changed to the correct graph name.

Workbench Installation:

Updated Nignx Template

1. Copy the "expero-workbench-6.0.0-a.tgz" to the TigerGraph server
2. Untar the file under "/home/tigergraph/"
   a. If this directory does not exist, the be sure to untar the file on the server that matches the entries specified in the nginx template instructions
3. You should be able to now visit the workbench by going to server_ip:9000/workbench
   a. **NOTE:** The above assumes using the standard ports