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1 // EXAMPLE - connecting to a M.App Enterprise Vectorset
2 var dataset = {
3     mode: "EnterpriseConnector",
4     vectorset: "Atlanta",
5     datasetName: "AtlantaBoundaries"
6 };
7
8 // EXAMPLE - connecting to the M.App Enterprise SQLQuery API
9 var dataset = "https://enterprise.okehouse.net/api/v1/sqlquery/AtlantaDynLoad?query=SELECT * FROM atlantaattr&format=csv";
10
11 // EXAMPLE - connecting to an online file. Can be any online file supported by Feature Analyzer:
12 // - GeoJSON
13 // - GeoJSON-T
14 // - TopoJSON
15 // - CSV
16 // - Shape
17 // - JSON data
18 // - A Zip file containing any of the above.
19 var dataset = "https://earthquake.usgs.gov/earthquakes/feed/v1.0/summary/all_month.geojson";
20
21 var stage = await Analyzer.createStage("boundaries", onlineFile);
22
23 // Retrieves a list of field names
24 stage.dataPreview.FieldNames()
25
26 // Returns the first row of data.
27 stage.dataPreview.FirstRow;
28
29 // Create a default theme widget with default parameters. By default this widget is not added to the stage.
30 // You can change parameters on the object once it has been created or use the configuration GUI once the widget has been added to the system.
31 // The second parameter is the theme field name. Ensure that this exists in the source data.
32 // If you accidentally added it to feature analyzer with a bad field name - no worries. You can always change the field name in the additional
33 var theme = Analyzer.createThemeWidget(stage, "status");
34
35 // Creates a default feature layer using hardware acceleration. Different types are available:
36 // * feature.type = "primaryFeatureLayer"; // Creates a layer for use in a leaflet 2D window. (DEFAULT)
37 // * feature.type = "LuciadFeatureLayer"; // Creates a layer for use in a Luciad 3D window.
38 // * feature.type = "clusterLayer"; // Creates a cluster marker layer for use in a leaflet 2D window.
39
40 // NOTE: If you have multiple 2D/3D windows, change the "dock" parameter to match the name of the view you wish to place your new feature.
41 // Eg. feature.dock = "My New Chart"; // given that a 2d/3d window exists with this name.
42 var feature = Analyzer.createFeatureLayer(stage);
43
44 // The two lines add the widgets to Feature Analyzer.
45 Analyzer.addWidget(theme);
46 Analyzer.addWidget(feature);
47
48 // If you're using M.App Enterprise, you'll need to reload the view. This will bring back any additional attributes needed to display the new :
49 Analyzer.reloadView();
50
51 // This line will link two stages together (similar to how boundary data works today). Parameters are:
52 // - StageModel A (first stage model)
53 // - StageModel A Key (key field to use to link to the secondary stage - similar to the primary key field used today for boundary data)
54 // - StageModel B (second stage model)
55 // - StageModel B Key (key field to use to link to the primary stage - similar to the foreign key field used today for boundary data.)
56 Analyzer.linkStageModel(Analyzer.findStageModel(), "beatid", Analyzer.findStageModel("boundaries"), "zone");
57
58 // Again - if you're using M.App Enterprise, you'll need to reload the view. This will bring back any additional attributes needed to link the
59 Analyzer.reloadView();

```

