

Identify Example

This example describes how to leverage the REST endpoint for the Point_Overlay_GP service, found at: <https://state-wamas-app.des.wa.gov/arcgis/rest/services/MapServices>.

The list of data layers available to identify can be found by viewing the ArcGIS Service Directory for the service: https://state-wamas-app.des.wa.gov/arcgis/rest/services/MapServices/Point_Overlay_GPservice/MapServer.

Below is an example of performing an identify task using the ArcGIS JavaScript API. Detailed explanation of the ArcGIS JavaScript API can be viewed at: http://help.arcgis.com/en/webapi/javascript/arcgis/jsapi/#overview_jsapi_reference

Example – Identify WRIA and County Name:

```
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta http-equiv="X-UA-Compatible" content="IE=7,IE=9" />
<!--The viewport meta tag is used to improve the presentation and behavior of the samples on iOS devices-->
<meta name="viewport" content="initial-scale=1, maximum-scale=1,user-scalable=no" />
<title>Identify Sample</title>
<link rel="stylesheet" type="text/css" href="http://serverapi.arcgisonline.com/jsapi/arcgis/2.8/js/dojo/dijit/themes/tundra/tundra.css" />
<style type="text/css">
html, body
{
height: 98%;
width: 98%;
margin: 0;
padding: 5px;
}
</style>
<script type="text/javascript">var djConfig = { parseOnLoad: true }</script>
<script type="text/javascript" src="http://serverapi.arcgisonline.com/jsapi/arcgis/2.8/"></script>
<script type="text/javascript">

dojo.require("esri.map");
dojo.require("esri.tasks.identify");
dojo.require("dijit.layout.ContentPane");
dojo.require("dijit.layout.TabContainer");
dojo.require("dijit.form.Button");

var map, identifyTask, identifyParams, symbol;
var wriaResults, countyResults;

function init() {
    var initExtent = new esri.geometry.Extent(-14221820, 5512725, -12682073, 6459321, new esri.SpatialReference({ "wkid": 102113 }));
    var lods = [{ 'level': 5, 'resolution': 4891.96981024998, 'scale': 18489297.737236 }, { 'level': 6, 'resolution': 2445.98490512499, 'scale': 9244648.868618 }, {
'level': 7, 'resolution': 1222.99245256249, 'scale': 4622324.434309 }, { 'level': 8, 'resolution': 611.49622628138, 'scale': 2311162.217155 }, { 'level': 9,
'resolution': 305.748113140558, 'scale': 1155581.108577 }, { 'level': 10, 'resolution': 152.874056570411, 'scale': 577790.554289 }, { 'level': 11, 'resolution':
76.4370282850732, 'scale': 288895.277144 }, { 'level': 12, 'resolution': 38.2185141425366, 'scale': 144447.638572 }, { 'level': 13, 'resolution': 19.1092570712683, 'scale':
72223.819286 }, {
'level': 14, 'resolution': 9.55462853563415, 'scale': 36111.909643 }, { 'level': 15, 'resolution': 4.77731426794937, 'scale': 18055.954822 }, { 'level': 16,
'resolution': 2.38865713397468, 'scale': 9027.977411 }, { 'level': 17, 'resolution': 1.19432856685505, 'scale': 4513.988705 }, { 'level': 18, 'resolution':
0.597164283559817, 'scale':
2256.994353}];

    map = new esri.Map("mapDiv", { extent: initExtent, lods: lods });
    dojo.connect(map, "onLoad", initFunctionality);

    dojo.connect(map.infoWindow, "onShow", function () {dijit.byId("tabs").resize();});
    var baseLayer = new esri.layers.ArcGISMapServiceLayer("http://services.arcgisonline.com/ArcGIS/rest/services/World_Imagery/MapServer");
    map.addLayer(baseLayer);
}
</script>
```

```

function initFunctionality(map) {
    dojo.connect(map, "onClick", doIdentify);
    identifyTask = new esri.tasks.IdentifyTask("https://state-wamas-
app.des.wa.gov/arcgis/rest/services/MapServices/Point_Overlay_GPservice/MapServer");
    identifyParams = new esri.tasks.IdentifyParameters();
    identifyParams.tolerance = 1;
    identifyParams.returnGeometry = false;
    identifyParams.layerIds = [3, 1]; // WRIA(3) and county(1) layers used for this example
    identifyParams.layerOption = esri.tasks.IdentifyParameters.LAYER_OPTION_ALL;
    identifyParams.width = map.width;
    identifyParams.height = map.height;
    map.infoWindow.resize(415, 200);
    map.infoWindow.setContent(dijit.byId("tabs").domNode);
    map.infoWindow.setTitle("Identify Results");
    symbol = new esri.symbol.SimpleFillSymbol(esri.symbol.SimpleFillSymbol.STYLE_SOLID, new
esri.symbol.SimpleLineSymbol(esri.symbol.SimpleLineSymbol.STYLE_SOLID, new dojo.Color([255, 0, 0]), 2), new dojo.Color([255, 255, 0, 0.25]));
}

```

```

function doIdentify(evt) {
    map.graphics.clear();
    identifyParams.geometry = evt.mapPoint;
    identifyParams.mapExtent = map.extent;
    identifyTask.execute(identifyParams, function (idResults) { addToMap(idResults, evt); });
}

```

```

function addToMap(idResults, evt) {
    wriaResults = { displayFieldName: null, features: [] };
    countyResults = { displayFieldName: null, features: [] };
    for (var i = 0, il = idResults.length; i < il; i++) {
        var idResult = idResults[i];
        if (idResult.layerId === 4) {
            if (!wriaResults.displayFieldName) {
                wriaResults.displayFieldName = idResult.displayFieldName
            };
            wriaResults.features.push(idResult.feature);
        }
        else if (idResult.layerId === 6) {
            if (!countyResults.displayFieldName) {
                countyResults.displayFieldName = idResult.displayFieldName
            };
            countyResults.features.push(idResult.feature);
        }
    }

    dijit.byId("wriaTab").setContent(layerTabContent(wriaResults, "wriaResults"));
    dijit.byId("countyTab").setContent(layerTabContent(countyResults, "countyResults"));

    map.infoWindow.show(evt.screenPoint, map.getInfoWindowAnchor(evt.screenPoint));
}

```

```

function layerTabContent(layerResults, layerName) {
    var content = "";
    switch (layerName) {
        case "wriaResults": content = "<i>Total features returned: " + layerResults.features.length + "</i>";
            content += "<table border='1'><tr><th>WRIA Name</th>";
            for (var i = 0, il = layerResults.features.length; i < il; i++) {
                content += "<tr><td>" + layerResults.features[i].attributes["WRIA_NM"] + "</td>";
            }

            content += "</tr></table>";
            break;
        case "countyResults": content = "<i>Total features returned: " + layerResults.features.length + "</i>";
    }
}

```

```
content += "<table border='1'><tr><th>County Name</th>";
for (var i = 0, il = layerResults.features.length; i < il; i++) {
    content += "<tr><td>" + layerResults.features[i].attributes['NAME10'] + "</td>";
}

content += "</tr></table>";
break;
}

return content;
}

//show map on load

dojo.addOnLoad(init);

</script>
</head>

<body class="tundra">
Click the map to identify WRIA and county information.
<div id="mapDiv" style="width: 800px; height: 600px; border: 1px solid #000;">
</div>

<!-- info window tabs -->
<div id="tabs" dojotype="dijit.layout.TabContainer" style="width: 385px; height: 150px;">
<div id="wriaTab" dojotype="dijit.layout.ContentPane" title="WRIA">
</div>
<div id="countyTab" dojotype="dijit.layout.ContentPane" title="Counties">
</div>
</div>
</body>
</html>
```