

Identify Widget XML Configuration

Version 3.0 – June 13, 2012

Changes since Version 2.5.7 you may want to update your IdentifyWidget.xml (see page 3 useproxy tag).

The configuration file for the identify widget allows for the configuration of the identify widget without changes to the source code. Below is a list of the xml elements (tags) and what they do.

`<betareturngeometryfix>false</betareturngeometryfix>`

The **betareturngeometryfix** determines if the widget will not use the APIs IdentifyTask that has a known bug, where it randomly returns geometry in its original spatial reference instead of the maps spatial reference when the identifyParams.layerIds is specified. My widget uses the identifyParams.layerIds to allow me to specify only the visible layers in the map something that the visible option below does not do. This bug only affects the user if they also choose to use the returngeometryforzoom option. By default the betareturngeometryfix is false but if you are using returngeometryforzoom and your identify results are ending up off the coast of Africa at 0,0 than try this option. The option is marked as BETA as I feel that I have not been able to test this workaround in all situations and I know for sure that I have not implemented support multipoint geometry returned by the identify operation. This option also does not support the useproxy option.

`<identifylayeroption>visible</identifylayeroption>`

The **identifylayeroption** specifies which method to use when using Identify.

- "top": Only the topmost visible layer is identified (for the whole map, not each map service as in previous versions).
- "visible": All visible layers are identified.
- "all": All layers are identified, even if they are not visible.

`<identifytolerance>5</identifytolerance>`

The **identifytolerance** specifies the distance in screen pixels from the specified geometry within which the identify should be performed.

`<defaultzoomscale>5000</defaultzoomscale>`

The **defaultzoomscale** specifies the zoom scale that will be applied when clicking on the widget results if the specific layer does not have a zoomscale specified.

`<returngeometryforzoom>true</returngeometryforzoom>`

The **returngeometryforzoom** specifies whether or not the identify tool returns the geometry for the identified feature(s) to use for zooming.

`<autoactivatedtool>mappoint</autoactivatedtool>`

The **autoactivatedtool** option specifies that the identify tool will automatically activate upon widget activation using the provided geometry type. The default for this element is blank. Possible values are extent or polygon or mappoint or polyline or nothing.

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```
<keepidentifyactive>true</keepidentifyactive>
```

The **keepidentifyactive** specifies whether or not the identify tool stays active after a mouse click on the map or reverts back to navigation after the map click.

```
<usemaptime>false</usemaptime>
```

The **usemaptime** specifies whether or not to take into account the maps time extent when identifying features.

```
<enablelineselect>true</enablelineselect>
```

The **enablelineselect** specifies whether or not the line select tool is visible and enabled in the identify widgets UI.

```
<enableextentselect>true</enableextentselect>
```

The **enableextentselect** specifies whether or not the extent select tool is visible and enabled in the identify widgets UI.

```
<enablepolyselect>true</enablepolyselect>
```

The **enablepolyselect** specifies whether or not the polygon select tool is visible and enabled in the identify widgets UI.

```
<enablemouseovergraphicsinfo>true</enablemouseovergraphicsinfo>
```

The **enablemouseovergraphicsinfo** specifies whether or not hovering over a result graphic on the map will display the map info window.

```
<enablemouseoverrecordinfo>true</enablemouseoverrecordinfo>
```

The **enablemouseoverrecordinfo** specifies whether or not hovering over a result record in the widget will display the map info window.

```
<infoautoclosemilliseconds>2000</infoautoclosemilliseconds>
```

The **infoautoclosemilliseconds** specifies the number of milliseconds that the map info window stays open before closing when it or the id results item loses focus.

```
<excludebasemaps>true</excludebasemaps>
```

The **excludebasemaps** specifies if all the basemaps in your map will be excluded from the identify widgets results. The default is false unless this tag is included and set to true.

Labels:

```
<zoom2message>Click to Zoom to Point</zoom2message>
```

The tooltip that is displayed when you hover over the identify result

```
<identifylabel>Identify</identifylabel>
```

The tooltip that is displayed when you hover over the identify icon at the top (header) of the widget.

```
<resultslabel>Results</resultslabel>
```

The tooltip that is displayed when you hover over the result icon at the top (header) of the widget.

```
<descriptionlabel>Use the identify tool to identify features on the map:</descriptionlabel>
```

The message that is displayed over the point and clear button of the widget.

```
<pointlabel>Identify</pointlabel>
```

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The tooltip that is displayed over the point button of the widget.

```
<clearlabel>Clear</clearlabel>
```

The tooltip that is displayed over the clear (waste basket) button of the widget.

```
<loadinglabel>Loading...</loadinglabel>
```

The message that is displayed when the widget is performing its' identify operation.

Useproxy:

```
<useproxy>
  <proxymapservice label="Imagery" />
  <proxymapservice label="Streets" />
</useproxy>
```

The label of the mapservice that requires the use of a proxy. Proxy is required for secure services and other conditions. If you have multiple Map services that require use of proxy then just add additional proxymapservice elements with the label attributes set to the label of the Map Service set in the Main config.xml. The proxyurl from the viewers main config.xml file is used and you do not need to specify it in the IdentifyWidget.xml.

Layers:

```
<layers onlythese="false">
```

The onlythese attribute is either true or false and if true then only the listed layers will be identified and if false all mapservices and layers in the map will be identified.

```
<layer>
  <name>Zoning</name>
  <fields>
    <field name="ZONING_NAME" alias="Zoning Name" />
    <field name="ZONING_TYPE" alias="Zoning Type" popuponly="true" />
  </fields>
  <links>
    <link includeinresults="false" field="" alias="" tooltip="">
      <linkprefix></linkprefix>
      <linksuffix></linksuffix>
      <iconfield></iconfield>
      <iconprefix></iconprefix>
      <iconsuffix></iconsuffix>
    </link>
  </links>
  <zoomscale>15000</zoomscale>
  <forcescale>true</forcescale>
</layer>
```

The name element specifies the EXACT name of the layer as it is displayed in the REST services directory.


The **fields** parent element contains all the individual **field** child elements that will be used for this particular layer. Everything for the field element is specified as an attribute of the element. The **name** attribute is the EXACT **ALIAS** (as it is displayed in the REST services directory) of the field and is a **REQUIRED** attribute. The **alias** attribute is optional as this information can automatically be retrieved from the map service. If you want to specify an alias that is different than the alias specified in ArcMap then you can set this value. If you want this field to **ONLY** appear in the popup infowindow then you specify true for the **popuponly** attribute, valid values are true or false, and the default is false. The **useutc** attribute allows the difference, in minutes, between universal time (UTC) and the computer's local time to be added to the date. The **dateformat** attribute allows you to specify the format of an esri date field. See esri documentation for valid format strings. The **currencyformat** attribute allows you to format a numeric field that represents currency values. **currencyformat** - is a string that is pipe

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delimited. The first-position is the currency symbol, second number of decimal places, third-thousands separator, and fourth-decimal separator. Example: "\$|2|,|.""

The **numberformat** attribute allows you to format a numeric field. **numberformat** - is a string that is pipe delimited. The first-position is the precision, second-thousands separator, third-decimal separator. Example: "2|,|."

The optional links parent element contains your desired links. Specify one or more links and specify attributes such as includeinresults. Includeinresults is false by default but when set to true the field is used as a link field and still added to the ID results. The required field attribute is the EXACT **ALIAS** field name for the link. The alias attribute give you the ability to have a link like <http://help.arcgis.com/en/webapps/flexviewer> displayed in the popup as **ESRI Website**. The tooltip is a string that will be displayed as a tool tip when hovering over the link. The link is a string field that contains a url or when combined with the static text from the linkprefix and linksuffix field makes a complete url to a document, image, website, etc.

The optional iconfield is a string field that contains a url or when combined with the static text from the iconprefix and iconsuffix field makes a complete url to an image (preferably small) that will replace the standard  icon. So example would be icon elements would have:

```
<iconprefix>http://myserver/icons/</iconprefix>
<iconfield>icofield</iconfield>
<iconsuffix>.jpg</iconsuffix>
```

So if your iconfield has a value of "pdf" then the complete url would be "http://myserver/icons/pdf.jpg" and that image would be used. Possibly looking like this .

The zoomscale is the zoom scale that will be applied when clicking on the widget results.

The forcescale will cause the map to zoom in or out to match the zoomscale. By default if forcescale is not true then if your map is zoomed in closer than the scale specified in the zoomscale than no zoom will occur.

The following section pertains to symbols.

```
<symbols>
  <simplefillsymbol color="0xff0000" alpha="0.5">
    <outline color="0xff0000" alpha="0.8" width="2"/>
  </simplefillsymbol>

  <simplemarkersymbol style="square" size="12" color="0xff0000" alpha="0.5" xoffset="0" yoffset="0" angle="0">
    <outline style="solid" color="0x000000" alpha="1" width="1"/>
  </simplemarkersymbol>

  <picturemarkersymbol url="assets/images/i_info.png" height="30" width="30" xoffset="0" yoffset="0" />

  <simplelinesymbol color="0xff0000" alpha="0.8" width="2"/>
</symbols>
```

Default symbols can be set using syntax as above to set the default symbology for search results.