

Simple Use Case: YEvent

Markup:
`<div id="ymap"></div>`

Script:

```
var map = new
  YMap(document.getElementById("ymap"));
YEvent.Capture(map,
  EventsList.MouseClick,click);
Function click() {alert("Mouse was clicked");}
```

Method: YEvent.Capture

```
YEvent.Capture(object,event,callback,
  privateObject);
```

Parameters:
 (1) **object:** a YMap or Ymarker object
 (2) **event:** an event to capture
 (3) **callback:** function to call when the event is captured
 (4) **privateObject:** optional private context object

Solutions

Listen for YMarker Event and make use of the Event's fields.

```
var map = new YMap("ymap");
var marker = new YMarker(
  new YGeoPoint(41.600554,-81.526468) );
YEvent.Capture(marker,MouseClick,
  function() {
    marker.openSmartWindow("<b>Markup!</b>");
  });
```

Simple Use Case: YGeoRSS

Markup:
`<div id="ymap"></div>`

Script:

```
var map = new YMap("ymap");
var rss =
  http://pipes.yahoo.com/pipes/pipes.run?_id=B1
  agERo03BGq1_e3X0sBXw&_render=rss;
map.addOverlay(new YGeoRSS(rss));
```

Constructor: YGeoRSS

```
YGeoRSS(rss_feed )
```

Parameters:
rss_feed: URL of valid GeoRSS file. Domain of this file should equal that of the Maps API

Simple Use Case: YMarker

Markup:
`<div id="ymap"></div>`

Script:

```
var map = new YMap("ymap");
var geoPoint = new YGeoPoint(41.600554,-81.526468);
map.addOverlay(new YMarker(geoPoint));
```

Constructor: YMarker

```
YMarker(YGeoPoint, YImage?, ID?);
```

Parameters:
 (1) **YGeoPoint:** An object that holds a latitude/longitude pair
 (2) **YImage:** Optional, An object that holds custom marker definitions
 (3) **ID:** Optional, A string that identifies the marker as a DOM object (its CSS attribute). The string should be composed of digits (0-9) and/or lowercase letters (a-z). An ID will be generated if not specified.

Using the YMarker SmartWindow

setSmartWindowColor	Set color of SmartWindow border
closeSmartWindow	Close the SmartWindow for the marker
openSmartWindow(value)	Open a SmartWindow for the marker. SmartWindow will display "value"
updateSmartWindow(value)	Update InfoValue of SmartWindow with "value"
disableAutoContain	Do not contain SmartWindow within container
enableAutoContain	Contain SmartWindow within map container if opened (default)

Using the YMarker AutoExpand

addAutoExpand(InfoValue)	Add AutoExpand window, use alone or with SmartWindow, automatically opens on mouseover and closes on mouseout
openAutoExpand()	Open AutoExpand window if defined
closeAutoExpand()	Close AutoExpand window if defined

Displaying the Ymarker

hide()	Hide marker from the map
unhide()	Unhides marker from the map
ishidden()	Checks if the current marker is hidden

Labeling the YMarker

addLabel(label)	Adds a label to the marker
reLabel(label)	Changes the label on the marker

YMarker: YGeoPoint and YCoordPoint Interaction

setYGeoPoint	Set/re-set YGeoPoint of marker objects
getCoordPoint	Return: YCoordPoint of the marker (relative to left, top origin)

YEvents General Event Types

endMapDraw
 changeZoom
 startPan
 onPan
 endPan
 endAutoPan
 MouseClick
 KeyDown
 KeyUp
 MouseOut
 MouseOver
 MouseUp
 MouseDoubleClick
 MouseDown

YMap Specific Events

onEndGeoCode
 polylineAdded
 polylineRemoved
 endMapDraw
 onEndLocalSearch
 onEndTrafficSearch

YMarker Event Types

openExpanded
 openSmartWindow
 closeExpanded
 closeSmartWindow
 onEndGeoRSS

YGeoRSS Event Types

onEndGeoRSS

