

Simple Use Case: YMap	
<p>Markup: <div id="ymap"></div></p> <p>Script: var myMap = new YMap(document.getElementById("ymap")); Creates YMap instance in the "ymap" div element.</p>	
Constructor: YMap	
<p>YMap(mapContainer,mapType,mapSize);</p> <p><i>Arguments:</i></p> <p>(1) mapContainer: The DOM id of the div element which holds the YMap</p> <p>(2) mapType: (Optional) Specifies Satellite, Hybrid, or Regular viewable map when the map is drawn. Default is Regular</p> <p>(3) mapSize: (Optional) Specifies the initial size of our YMap by specifying a YSize variable</p>	
Solutions	
<p>Listen for YMap Event and make use of the Event's fields. var map = new YMap(document.getElementById('myMap')); var myCallback = function() { alert('The Mouse was clicked on the map'); }; YEvent.Capture(map, EventsList.MouseClick,myCallback);</p> <p>Overlay GeoRSS on YMap (With Y! Pipes which isn't necessary, but it's really cool!) var pRSS= 'http://pipes.yahoo.com/pipes/pipe.run?_id=PipeId Here&_render=rss'; map.addOverlay(new YGeoRSS(pRSS));</p>	
Adding/Removing Controls to YMap.	
addPanControl()	Add the Pan Control to your Map
addZoomLong()	Add the Slider Zoom control to your Map
addZoomShort()	Add the "+/-" control to your Map
addTypeControl()	Add the ability to switch between map types
removeZoomControl()	Remove long/ short zoom control from map.
removePanControl()	Remove Pan Control available on the Map.
addZoomScale()	Default. Adds scale information to the Map.
removeZoomScale()	Removes the scale information from the Map.
It is only possible to display one type of zoom control but you can switch between the two by removing the current control and then adding the desired control. Map type control cannot be removed once it has been added.	
Configure YMap Functionality	
isDragMapEnabled	Returns a boolean value whether map is draggable
disableKeyControls	Disable default keyboard/mouse wheel zoom and pan controls shortcuts
disablePanOnDoubleClick	Disable default double click action
enableDragMap	Enables draggable maps
disableDragMap	Disable draggable maps

Zooming in YMap.	
drawZoomAndCenter (Location Type, ZoomLevel)	Draws map at a location type of either YGeoPoint or valid address. ZoomLevel directs depth to zoom.
getZoomLevel(input)	Return current zoom level. Finds best zoom level for an input of either a YMapDistance or a set of YGeoPoints
getBestZoomAndCenter (input)	Return a YGeoPoint of the center of the map and the best-fit zoom level
getZoomValidLevels()	Returns an array of the valid zoom levels
setZoomLevel(level)	Set current zoom level by an input integer
setZoomRange(min,max)	Set the available range of zoom levels
getBestZoomAndCenter() returns an object with zoomLevel and YGeoPoint properties.	
Getting Information from YMap	
getBoundsLatLon()	Returns an Object with Latitude min/max and the Longitude min/max
getCenterLatLon()	Returns a YGeoPoint of the map center
getContainerSize()	Returns port size object { width, height }
getEventsList()	Get a list of available events on the map
getMarkerObject(markerID)	Returns: YMarker with id "MarkerID"
getMarkerIDs()	Returns: Array of all marker id's on map
getInnerRadius()	Returns the number of pixels that comprise the shortest distance from the center of the map to the edge.
getOuterRadius()	Returns number of pixels for the longest distance from the center of the map to the edge.
getUnitsPerPixel(ZoomLevel)	Returns object with properties miles and kilometers. The granularity of distance represented by each pixel on the map at the ZoomLevel.
getCurrentMapType()	Returns: Current map type (a constant)
getMapTypes()	Returns: Array of map types (a constant)
getGeoBox(points)	Given a set of points, return min and max.
getPolylineIDs()	Get list of all generated polyline ids.
getPolylineObject(id)	Return a reference to polyline segment for id.
geoCodeAddress(address)	Geocodes an address, uses onEndGeoCode
getAnnotation()	Return annotation object set on the map.
External Data Sources	
searchLocal(YGeoPoint,query,radius, nresults?)	Search local listings. Used with onEndLocalSearch callback
searchTraffic(YGeoPoint, radius)	Search local traffic incidents, used with onEndTrafficSearch
processGeoRSS(url)	Process GeoRSS over HTTP

Manage Data on the Map	
addOverlay	Add YGeoPoint, YCoordPoint object types on YMap.(YCustomOverlay, YMarker, YGeoRSS)
removeOverlay(overlay object)	Remove overlay from YMap.
addMarker(YGeoPoint)	Add YMarker to the YMap.
removeMarker(id)	Removes YMarker from the YMap.
removeMarkersAll	Removes all markers
setAnnotation(annotation)	Sets the annotation object for the map
showSmartWindow(YGeoPoint, markup)	Shows smartWindow markup at a YGeoPoint location
exportFormat(type)	Export map in supported format defined by type
YMap mapTypes Constants	
<p>YAHOO_MAP_REG YAHOO_MAP_SAT YAHOO_MAP_HYB</p>	
YMap Specific Events	
<p>polylineAdded polylineRemoved endMapDraw onEndGeoCode onEndLocalSearch onEndTrafficSearch</p>	
Zoom Level Correlations	
Country	14
State	11
City	5
Street	2
YMap Coordinate Conversion Methods	
<p>convertLatLonXY(YGeoPoint) convertXYLatLon(YCoordPoint)</p>	
YMap Pan Movement Methods	
<p>panToLatLon(YGeoPoint) panToXY(YCoordPoint)</p>	
YMap Misc. Methods	
<p>resizeTo(YSize) - Resize the Map to new Dimensions</p>	