

# How to enable MiniView support for a WRT widget

## 1. MODIFY INFO.PLIST

Add a new key to the info.plist file of your widget

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Nokia//DTD PLIST 1.0//EN"
<plist version="1.0">
<dict>
  <key>DisplayName</key>
  <string>myminiview</string>
  <key>Identifier</key>
  <string>com.example.miniview.skeleton</string>
  <key>Version</key>
  <string>1.0</string>
  <key>AllowNetworkAccess</key>
  <true/>
  <key>MainHTML</key>
  <string>index.html</string>
  <key>MiniViewEnabled</key>
  <true/>
</dict>
</plist>
```

## 2. ADD ONLOAD, ONRESIZE AND ONSHOW EVENT HANDLERS TO YOUR WIDGET

Detect the size of the displayable viewport in these event handlers.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html>
  <head>
    <title> Sample Widget</title>
    <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
    <script language="javascript" type="text/javascript" src="basic.js"></script>
    <style type="text/css">
      @import "basic.css";
    </style>
  </head>
  <body onload="javascript:init();" onresize="javascript:resizing();" onshow="javascript:showing();">
    <div id="MiniViewContainer">
      </div>

    <div id="MainContainer">
      <div id="console">
        </div>
      </div>
    </body>
  </html>
```

## 3. STRUCTURE YOUR HTML

Include displayable areas for MiniView and normal viewports.

FN TSC Technology Development  
Petro Soininen

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```

<body onload="javascript:init();"
  <div id="MiniViewContainer">
  </div>

  <div id="MainContainer">
    <div id="console">
    </div>
  </div>
</body>

```

4. SET THE DISPLAYABLE VIEWPORT IN JAVASCRIPT

```

function init()
{
  setMyLayout();

  // start a timer to display the time/date
  // in MiniView
  setInterval(function(){
    document.getElementById('MiniViewContainer').innerHTML = 'Hello Mini!<br/>'+Date();
  }, 1000);
}

function setMyLayout()
{
  // window.innerHeight for MiniView is actually 91px
  if (window.innerHeight < 150) {
    showMiniView();
  }
  else {
    showMainView();
  }
}

```

Our onLoad event handler

onShow implemented with a similar principle

Detect the size of the active viewport

5. SHOW THE CORRECT VIEWPORT

```

// show/hide views based on decision in setMyLayout
function showMiniView() {
  document.getElementById('MiniViewContainer').style.display = 'block';
  document.getElementById('MainContainer').style.display = 'none';
}

function showMainView() {
  document.getElementById('MiniViewContainer').style.display = 'none';
  document.getElementById('MainContainer').style.display = 'block';
}

```

6. IMPLEMENTATION NOTES

window.innerWidth x window.innerHeight returns 315x91px, but the actual MiniView content area according to the UI specification in this home screen configuration is 309x85px.