

Quick Start demonstration

The purpose of this demonstration is to make you experience an end-to-end flow where the MobileFirst Platform Foundation SDK for Windows 8 Universal is integrated into a Visual Studio project and used to retrieve data by using a MobileFirst adapter.

To learn more about creating projects and applications, using adapters, and lots more, visit the Native Windows 8 Development (../) landing page.

Prerequisite: Make sure that you have installed the following software:

- MobileFirst Platform command line tool (download (file:///home/travis/build/MFPSamples/DevCenter/_site/downloads))
 - Visual Studio 2013
-

1. Create a MobileFirst project and adapter.

- Create a new project and Windows 8 Universal framework/server-side application entity.

```
mfp create MyProject
cd MyProject
mfp add api MyWin8Universal -e windows8
```

- Add an HTTP adapter to the project.

```
mfp add adapter MyAdapter -t http
```

2. Deploy artifacts to the MobileFirst Server.

- Start the MobileFirst Server and deploy the server-side application entity and adapter.

```
mfp start
mfp push
```

3. Create a Visual Studio Windows 8 Universal project.

4. Add a reference to the following libraries in your project:

- worklight-windowsphone8.dll
- Newtonsoft.Json.dll
- SharpCompress.dll

5. Implement the MobileFirst adapter invocation.

- ```
WLResourceRequest request = new WLResourceRequest("/adapters/MyAdapter/getStories", "GET");
request.setQueryParameter("params", "technology");
MyInvokeListener listener = new MyInvokeListener();
request.send(listener);
```

- Copy the `wlclient.properties` file to the root of the native Windows Universal project.
- In Visual Studio, open the Properties window of `wlclient.properties` and set the **Copy to Output Directory** option to **Copy always**.
- Supply the server IP address to the `wlServerHost` property in `wlclient.properties`.
- Add the following capabilities to the `Package.appxmanifest` file:

## 7. Click Run.

```

MainPage.xaml Output Properties
Show output from: Debug
enabled.
Success ["statusCode":200,"errors":[],"isSuccessful":true,"statusReason":"OK","rss":{"html":"http://www.w3.org/1999/xhtml","xmlns":"http://www.w3.org/1999/xhtml","url":"http://www.w3.org/1999/xhtml","description":"CNN.com delivers up-to-the-minute news and information on the latest top stories, weather, entertainment, politics and more."},"items":{"title":"\"51\", \"width\":\"90\", \"type\":\"image/jpeg\", \"media\":\"urn:x-prefix:media\", \"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/141117124827-mh7-wreckage-flames-smoke-top-tease.jpg\", \"medium\":\"image\", \"guid\":\"http://edition.cnn.com/2015/07/15/politics/mh7-pro-russian-missile-crash-ukraine/index.html\", \"pubDate\":\"Wed, 15 Jul 2015 09:11:58 EDT\", \"title\":\"Source: New MH17 report pins blame on rebels in Ukraine\", \"CDATA\":\"http://edition.cnn.com/2015/07/15/politics/mh17-pro-russian-missile-crash-ukraine/index.html#eref=edition\", \"thumbnail\":\"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/141117124827-mh7-wreckage-flames-smoke-top-tease.jpg\\\", \\\"description\\\": \"Expert: Ukraine is stagnating | Samantha Power talks Russia and Ukraine\", \\\"link\\\": \"\", \\\"content\\\": \"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"type\":\"image/jpeg\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150406112020-mullah-omar-file-top-tease.jpg\", \\\"medium\":\"image\", \\\"guid\":\"http://edition.cnn.com/2015/07/15/asia/afghanistan-taliban/index.html\", \\\"pubDate\":\"Wed, 15 Jul 2015 08:50:27 EDT\", \\\"title\":\"Taliban leader: Let's talk peace\", \\\"CDATA\":\"http://edition.cnn.com/2015/07/15/asia/afghanistan-taliban/index.html#eref=edition\", \\\"thumbnail\":\"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150406112020-mullah-omar-file-top-tease.jpg\\\", \\\"description\\\": \"Secretive Taliban leader Mullah Omar signaled support for Afghan peace talks in a message to supporters Wednesday\", \\\"link\\\": \"\", \\\"content\\\": \"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"type\":\"image/jpeg\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150715144212-pluto-then-and-now-mobile-top-tease.jpg\", \\\"medium\":\"image\", \\\"guid\":\"http://edition.cnn.com/2015/07/15/us/nasa-new-horizons-plotto-flyby/index.html\", \\\"pubDate\":\"Wed, 15 Jul 2015 08:39:53 EDT\", \\\"title\":\"Probe sends stunning pics of Pluto\", \\\"CDATA\":\"http://edition.cnn.com/2015/07/15/us/nasa-new-horizons-plotto-flyby/index.html#eref=edition\", \\\"thumbnail\":\"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150714113611-pluto-then-and-now-mobile-top-tease.jpg\", \\\"description\\\": \"The first human footprint on the moon. The landing of the Curiosity rover on Mars. NASA scientists put the significance of the New Horizons spacecraft flyby of Pluto on Tuesday right up there with those milestones\", \\\"link\\\": \"\", \\\"content\\\": \"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"type\":\"image/jpeg\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150715141210-beijing-uniao-sex-video/index.html\", \\\"pubDate\":\"Wed, 15 Jul 2015 07:05:54 EDT\", \\\"title\":\"China: Uniao sex video goes viral\", \\\"CDATA\":\"http://edition.cnn.com/2015/07/15/asia/china-beijing-uniao-sex-video/index.html#eref=edition\", \\\"thumbnail\":\"(\\\"height\":\"51\", \\\"width\":\"90\", \\\"media\":\"urn:x-prefix:media\", \\\"url\":\"http://i2.cdn.turner.com/cnn/dam/assets/150715144212-beijing-uniao-top-tease.jpg\", \\\"description\\\": \"Beijing's 'hottest' shopping destination is in the hot seat after a viral video shows a young couple having sex in what appears to be a Uniao changing room\", \\\"link\\\": \"\", 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