

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.

The screenshot displays a web browser window with a single tab titled 'MainPage.xar'. The address bar shows a URL starting with 'http://www.w3.org/1999/xhtml?'. The main content area displays a JSON feed of news articles. The first article is about a missile crash in Ukraine, the second is about Taliban leader talks, and the third is about the China-Beijing-Uigolo sex video. The browser interface includes a 'Properties' window on the right side.

```

{
 "success": "statusCode":200,"errors":[],"isSuccessful":true,"statusReason":"OK","rss":{"title":"http://www.w3.org/1999/xhtml?","xmlns":"http://www.w3.org/1999/xhtml","channel":{"title":"CNN.com - Top Stories","CDATA":"http://edition.cnn.com/index.html#ref=edition","description":"Up-to-the-minute news and information on the latest top stories, weather, entertainment, politics and more...","item":[{"height":"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#ref=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 Talbot 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/150406112028-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","description":"http://edition.cnn.com/2015/07/15/asia/afghanistan-taliban/index.html#ref=edition","thumbnail":{"height":"51","width":"90","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150406112028-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/15071413611-pluto-then-and-now-mobile-top-tease.jpg","medium":"image","guid":"http://edition.cnn.com/2015/07/15/us/nasa-new-horizons-pluto-flyby/index.html","pubDate":"Wed, 15 Jul 2015 08:39:52 EDT","title":"Probe sends stunning pics of Pluto","CDATA":"http://edition.cnn.com/2015/07/15/us/nasa-new-horizons-pluto-flyby/index.html#ref=edition","thumbnail":{"height":"51","width":"90","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/15071413611-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/150715144218-beijing-uniglo-top-tease.jpg","medium":"image","guid":"http://edition.cnn.com/2015/07/15/asia/china-beijing-uniglo-sex-video/index.html","pubDate":"Wed, 15 Jul 2015 07:05:54 EDT","title":"China: Uniglo sex video goes viral","CDATA":"http://edition.cnn.com/2015/07/15/asia/china-beijing-uniglo-sex-video/index.html#ref=edition","thumbnail":{"height":"51","width":"90","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150715144218-beijing-uniglo-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 uniglo changing room...","link":"","content":{"height":"51","width":"90","type":"image/jpeg","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150715121740-oskar-groening-trial-top-tease.jpg","medium":"image","guid":"http://edition.cnn.com/2015/07/15/europe/germany-nazi-death-camp-verdict/index.html","pubDate":"Wed, 15 Jul 2015 08:57:05 EDT","title":"'Bookkeeper for Auschwitz' jailed","CDATA":"http://edition.cnn.com/2015/07/15/europe/germany-nazi-death-camp-verdict/index.html#ref=edition","thumbnail":{"height":"51","width":"90","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150715121740-oskar-groening-trial-top-tease.jpg"},"description":"Interactive map: Nazi death camps | Survivor: 'It was something out of hell' | Auschwitz's forbidden art","link":"","content":{"height":"51","width":"90","type":"image/jpeg","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150714185738-iran-nuclear-deal-93-top-tease.jpg","medium":"image","guid":"http://edition.cnn.com/2015/07/14/politics/iran-nuclear-deal-highlights/index.html","pubDate":"Wed, 15 Jul 2015 04:04:37 EDT","title":"Iran nuclear deal: Devil's in the detail","CDATA":"http://edition.cnn.com/2015/07/14/politics/iran-nuclear-deal-highlights/index.html#ref=edition","thumbnail":{"height":"51","width":"90","media":"urn:x-prefix:media","url":"http://i2.cdn.turner.com/cnn/dam/assets/150714185738-iran-nuclear-deal-93-top-tease.jpg","medium":"image","guid":"http://edition.cnn.com/2015/07/14/politics/iran-nuclear-deal-highlights/index.html","pubDate":"Wed, 15 Jul 2015 04:04:37 EDT","title":"Iran nuclear deal: Devil's in the 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