

Windows PhoneGap Integration

- Vaadin Touchkit currently supports only iOS and Android

“Windows Phone support coming soon”

Windows Phone apps can be run on Windows 8, but won't have a native Windows 8 look

- Vaadin Touchkit only works in WebKit-based browsers

“TouchKit is designed for mobile browsers and supports currently only WebKit-based browsers at the moment. WebKit-based desktop browsers, such as Safari and Chrome, can be used for testing.

A TouchKit user interface will not work in non-WebKit browsers. To make the application working for such users, you can define a *fallback application* and widget set. These are defined with the `fallbackApplication` and `fallbackWidgetset` parameters in `web.xml`.”

<http://demo.vaadin.com/vornitologist/VAADIN/tutorial/touchkit-tutorial.html>

- PhoneGap uses Internet Explorer on Windows (which is not a WebKit-based browser)
- Camera and GPS can be accessed via Vaadin Touchkit directly. PhoneGap however allows for more device specific features to be integrated.

⇒ For us, there are two options mainly:

- 1) Use Vaadin Touchkit and go without the conversion to a native Windows app with Phonegap. Use the Vaadin Touchkit webapp instead (with iOS-like appearance), which can be run by a WebKit browser only, such as Chrome, Safari, etc.

➔ no native Windows app, only webapp for WebKit browser

- 2) Do not use Vaadin Touchkit for the Windows application. Use another framework that supports IE and then use PhoneGap to build a native Windows app.

It doesn't matter how we develop the Windows application as we can define any application as a fallback (e.g. Vaadin, plain HTML5/CSS/JavaScript, or a conventional programming language, such as C++, C# or Visual Basic (VB.NET) and XAML).

mgwt wouldn't work on non-WebKit browsers either.

➔ develop two applications at the same time or do not use Vaadin Touchkit at all