

Coding Samples

BlackBerry Messenger (20 Minutes)

BlackBerry Messenger

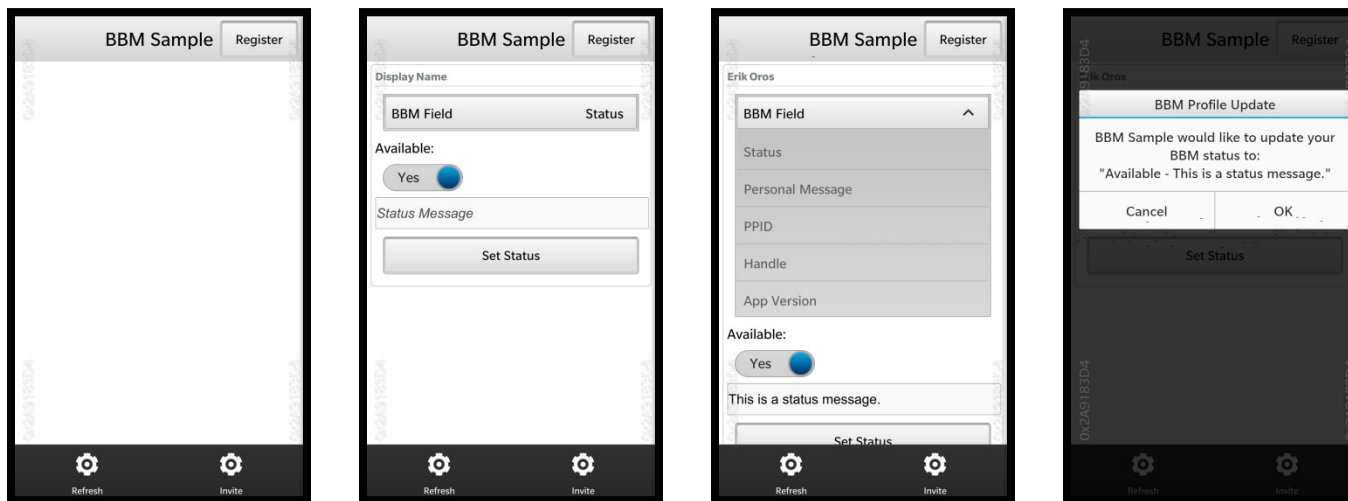


- This sample outlines how to integrate with BlackBerry Messenger to retrieve user information and invite BlackBerry Messenger contacts to download the application.
- Source
 - ▶ <https://github.com/oros/BB10-WebWorks-Samples/tree/master/bbm>
- Documentation
 - ▶ <https://developer.blackberry.com/html5/apis/blackberry.bbm.platform.html>
 - ▶ <https://developer.blackberry.com/html5/apis/blackberry.bbm.platform.users.html>

Task 1 (3 Minutes)

 **BlackBerry** Jam Americas

- Download the sample source and build it using the BlackBerry 10 WebWorks SDK. Deploy the resulting BAR file to your device and familiarize yourself with the application and implemented functionality.



Task 2 (2 Minutes)



- In `bbm.js`, modify the `register` function to supply a valid, unique, 36-character UUID.
 - ▶ You can generate a new UUID from <http://www.guidgenerator.com/>.
- Once your UUID is set, recompile the application and test the `Register` button.

Task 3 (3 Minutes)



- In [bbm.js](#), modify the [register](#) function to implement the remaining error codes and provide a meaningful message to the user.
 - ▶ Error codes are available in the [blackberry.bbm.platform.onaccesschanged](#) documentation.

Task 4 (3 Minutes)



- In `bbm.js`, modify the `populate` function to obtain values from the user's BBM profile and set the various field values.
 - ▶ Use the implementation of `blackberry.bbm.platform.self.displayName` as an example.
 - ▶ The remaining fields include `status`, `statusMessage`, `personalMessage`, `ppid`, `handle`, `appversion`, and `bbmsdkVersion`.

Task 5 (3 Minutes)



- In [bbm.js](#), modify the [setField](#) function to allow the user to initiate a change to the Status and Status Message properties of the BBM profile.
 - ▶ You will need to leverage the [status](#), [message](#), and [onComplete](#) variables.
 - ▶ See: [blackberry.bbm.platform.self.setStatus](#)

Task 6 (3 Minutes)



- In [bbm.js](#), modify the [setField](#) function to allow the user to initiate a change to the Personal Message property of the BBM profile.
 - ▶ You will need to leverage the [message](#) and [onComplete](#) variables.
 - ▶ See: [blackberry.bbm.platform.self.setPersonalMessage](#)

Task 7 (2 Minutes)



- In [bbm.js](#), modify the [invite](#) function to allow the user to invite other BBM contacts to download this application.
 - ▶ See: [blackberry.bbm.platform.users.inviteToDownload](#)