

Coding Samples

PIM Contacts (20 Minutes)

PIM Contacts

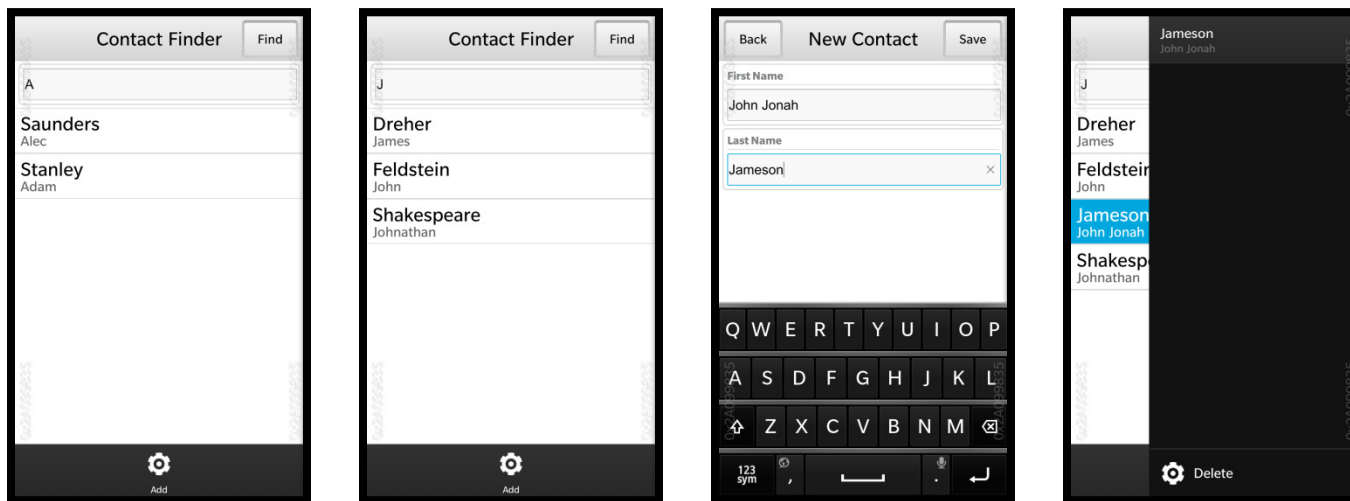


- This sample outlines how to integrate with the Contacts application; including retrieval, addition, and removal of contacts.
- Source
 - ▶ <https://github.com/oros/BB10-WebWorks-Samples/tree/master/pimcontacts>
- Documentation
 - ▶ <https://developer.blackberry.com/html5/apis/blackberry.pim.contacts.html>

Task 1 (5 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 (3 Minutes)



- In `contacts.js`, modify the `populateContacts` function to change the search criteria.
 - ▶ You will need to leverage the `findOptions` object.
 - ▶ You will need to leverage `blackberry.pim.contacts.ContactFindOptions`.
 - ▶ Try changing the `filter` to a different field or multiple fields.
 - ▶ Try changing the `sort` order and criteria for returned results.
 - ▶ Try changing the `limit` for number of contacts returned.
 - ▶ Try changing whether only `favorite` contacts are returned or not.

Task 3 (4 Minutes)



- In [addcontact.js](#), modify the [save](#) function to allow for a third field to be populated when saving a contact.
 - ▶ You will need to leverage the [options](#) object.
 - ▶ You will need to leverage the [mysteryField](#) element in [addcontact.html](#).
- In [contacts.js](#), modify the [populateContacts](#) function to also retrieve your new field with the returned contacts.
 - ▶ You will need to leverage the [contactFields](#) object.
- In [contacts.js](#), modify the [insertContact](#) function to display your new field.

Task 4 (2 Minutes)



- In `contacts.js`, modify the `deleteContact` function to add Contact removal functionality.
 - ▶ You will need to leverage the `selectedContact` object.
 - ▶ You will need to leverage the `blackberry.pim.contacts.Contact.remove` function.

Task 5 (3 Minutes)



- In `contacts.js`, modify the `populateContacts` function to provide detailed information when an error occurs.
 - ▶ You will need to leverage `blackberry.pim.contacts.ContactError`.