

# **ContactMapper**

## **User Manual**

Version 1.0

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# 1 Introduction

## 1.1 General Information

*ContactMapper* enables you to visualize the addresses of your Blackberry Address Book on a map. You can check the surroundings of the address by panning or zooming in the map. You can visualize it on a topographic- or even on a satellite map.

## 2 Installation

Please deflate the zip-archive you have received in a directory of your choice. To install *ContactMapper* start the BlackBerry Desktop Manager and click on the Application Loader. The Application Loader Wizard will let you choose an ALX-file which is located in zip-archive you have deflated before. Select it and follow the Wizard until *ContactMapper* is installed on your device.

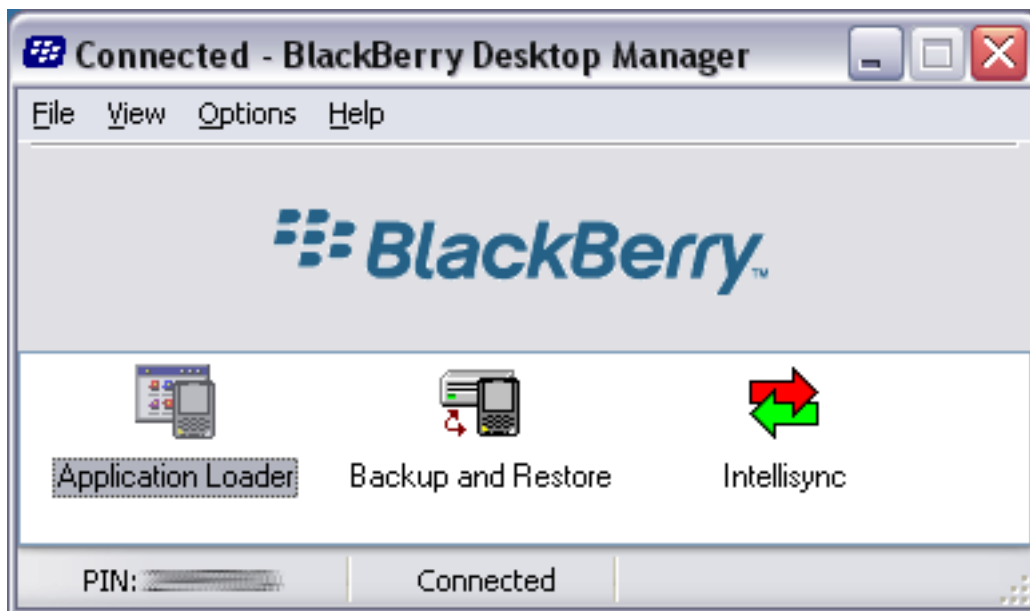


Figure 2.1: Desktop Manager

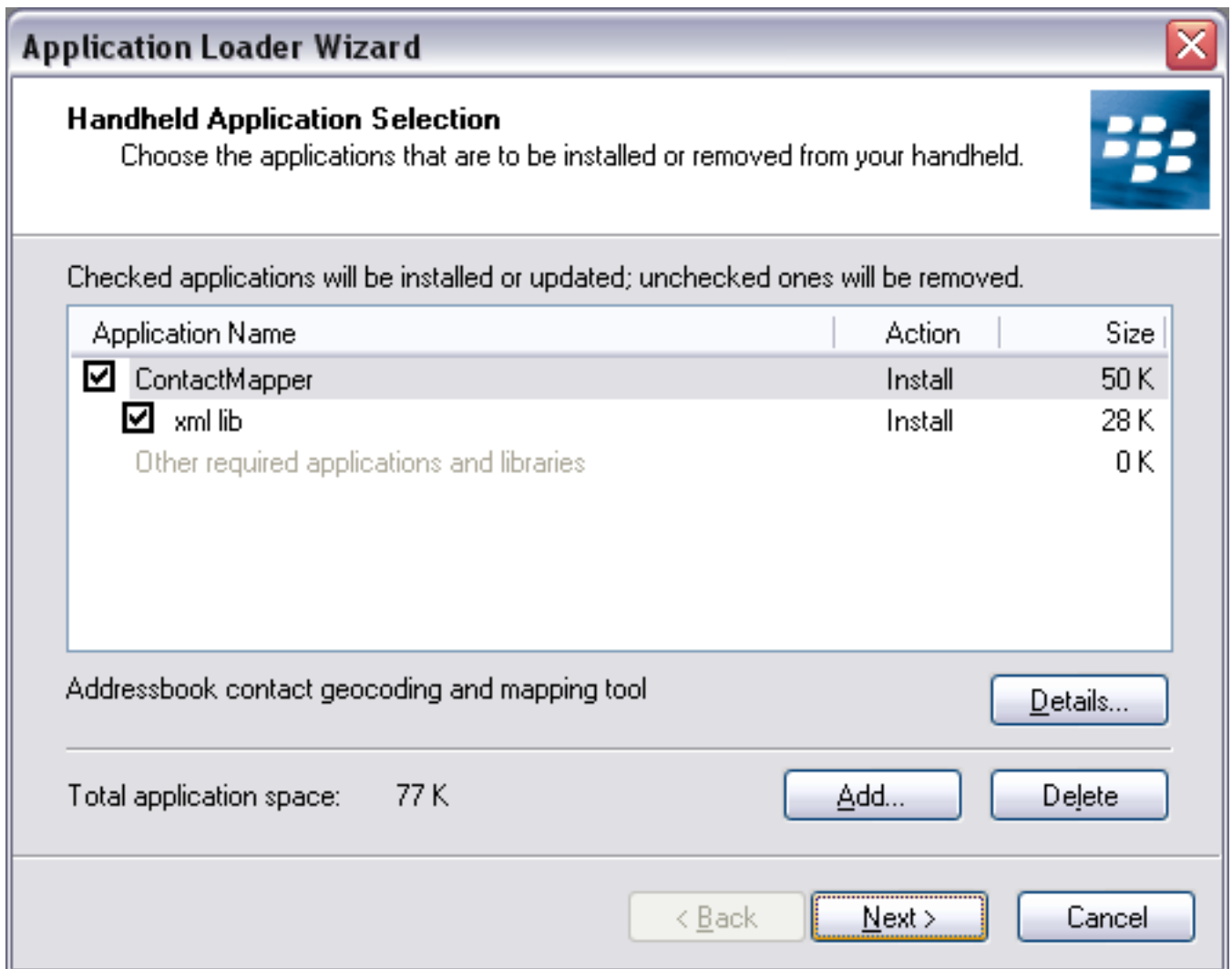


Figure 2.2: install ContactMapper

## 3 Usage

### 3.1 choose an address from your address book and geocode it

Start *ContactMapper* and select Browse Contacts. Select the contact of which you want to geocode the address and select geocode!.

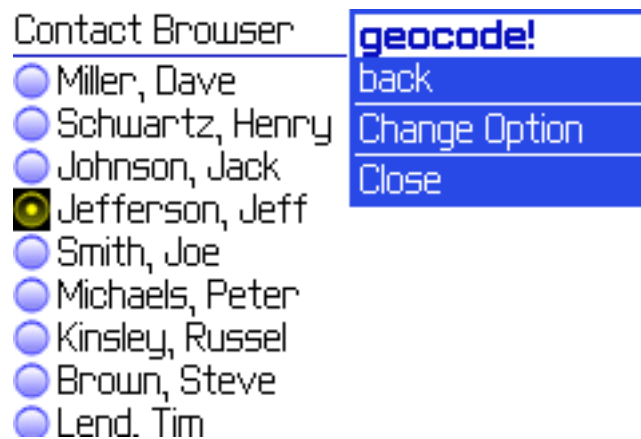


Figure 3.1: Browse Contacts

If your contact has a home address and a work address, *ContactMapper* will ask you to chose between them.

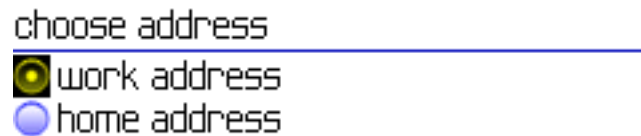


Figure 3.2: choose between work and home address

The main Geocoding screen appears and *ContactMapper* will send the address to the Skylab Mobilesystems Geocoding server and receive the result Coordinate from it. If the address can not be geocoded or any other error appears, you will get an info here. Remember: Currently only addresses in the United States of America can be geocoded.

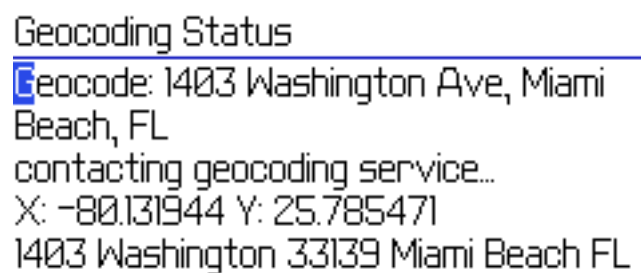
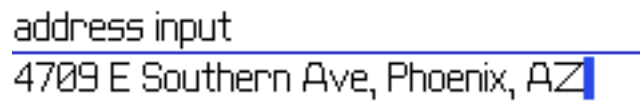


Figure 3.3: geocoding status

## 3.2 input an address manually and geocode it

It is also possible to manually input an address. The format should look like this:

- 1005 Gravenstein Highway North, Sebastopol CA
- 601 Whitehead St, Key West, FL



address input  
4709 E Southern Ave, Phoenix, AZ

Figure 3.4: manual address input

Remember: Currently only addresses in the United States of America can be geocoded.

### 3.3 map navigation

You can navigate within the map by pressing the corresponding keys to zoom and pan. The default key layout for navigation in the map depends on the devices you are using:

▲ UP: used for panning north and zooming in

▼ DOWN: Used for panning south and zooming out

◀ LEFT: Used for panning west

▶ RIGHT: Used for panning east

● SWITCH: Used for switching between pan and zoom mode

**zoom factor** ZOOM FACTOR: Used to change the zoom factor (2x, 4x, 8x)








Action	7200, 7500, 8700 series	7100 series
	2/E	2/TY
	8/X	8/BN
	4/S	4/DF
	6/F	6/JK
	5/D	5/GH
zoom factor	Space	0/Space

Table 3.1: Key Mapping Device Matrix



Figure 3.5: Default Key Settings on 7200, 7500 and 8700 Series



Figure 3.6: Default Key Settings on 7100 Series

### 3.4 map types



Figure 3.7: satellite map

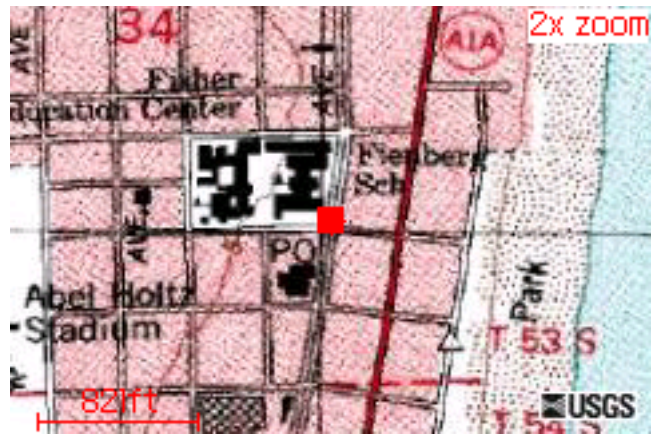


Figure 3.8: topographic map (1)

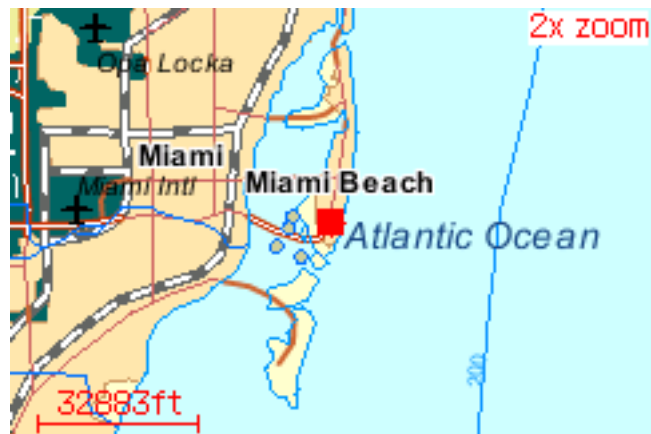


Figure 3.9: topographic map (2)

## 4 Troubleshooting

### 4.1 FAQ

#### 4.1.1 I can't see a map and got a "WMS ERROR", what's wrong?

A WMS Error indicates a problem with the Mapping Service which is currently in use. It might be a problem with your internet connection or a problem of the map server.

#### 4.1.2 I have entered an address but got a result coordinate of a different address, what's wrong?

If the geocoding server is unable to geocode a specific address because for example the street name could not be found it uses a fuzzy logic to approximate the correct name. This might result in a wrong address. If the street name was found but the specific house number is not available in the database, the geocoding server will use the nearest alternative address.

#### 4.1.3 The position on the map seems to be incorrect, why?

The database of the geocoding server is based on the TIGER/Line data from the US Census Bureau and might be inaccurate for some places.

## 5 License

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<http://www.skylab-mobilesystems.com/en/license.txt>

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