

# trackIT: Custom Edition

## User Manual



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## 1. Overview

Do you use your BlackBerry to store all kinds of information and have to keep buying a variety of different software? You may also find that the software doesn't quite meet your needs or might not even exist. Well now there's one solution for all your data storing needs. With trackIT: Custom Edition you can create your own custom solution that will suit your exact requirements. This tool will enable you to create tables, fields and much more.

trackIT: Custom Edition could become your next invaluable tool for the office. You can create your own solutions to meet your office needs with ease. Structures can be easily shared with all office users, providing a very inexpensive custom office solution. For the average user this tool can replace many of your existing BlackBerry software and could be the last program you ever need to purchase.

## 2. Requirements

You must be running BlackBerry OS 4.0 or higher.

To upgrade your OS, please visit your Wireless Carrier's website. Here are some links:

<b>Bell:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=aMIbMFchE">https://www.blackberry.com/SoftwareDownload/index.jsp?client=aMIbMFchE</a>
<b>Cingular:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=Rc4cZBaBN">https://www.blackberry.com/SoftwareDownload/index.jsp?client=Rc4cZBaBN</a>
<b>Nextel:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=biTZdMddN">https://www.blackberry.com/SoftwareDownload/index.jsp?client=biTZdMddN</a>
<b>Rogers:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=biERdLcdT">https://www.blackberry.com/SoftwareDownload/index.jsp?client=biERdLcdT</a>
<b>Sprint:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=URNZcPHMm">https://www.blackberry.com/SoftwareDownload/index.jsp?client=URNZcPHMm</a>
<b>T-Mobile:</b>	<a href="http://software.se.t-mobile.com/">http://software.se.t-mobile.com/</a>
<b>Telus:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=dB5bZddMq">https://www.blackberry.com/SoftwareDownload/index.jsp?client=dB5bZddMq</a>
<b>Verizon:</b>	<a href="http://vzw.smithmicro.com/blackberry/">http://vzw.smithmicro.com/blackberry/</a>
<b>Vodaphone:</b>	<a href="https://www.blackberry.com/SoftwareDownload/index.jsp?client=HZMHZfRPj">https://www.blackberry.com/SoftwareDownload/index.jsp?client=HZMHZfRPj</a>

## 3. Installation

Please visit our website at [www.javatekmedia.com](http://www.javatekmedia.com) to obtain the latest version of this software. If you are upgrading this software, please backup your data prior to the installation.

### 3.1. Install wirelessly using the Internet

Open the Internet Browser on your BlackBerry.

Go to <http://javatekmedia.com/downloads/trackitcustom.jad>

Click download.

### 3.2. Install using the Desktop Manager

Unzip this file to a directory on your computer: You can download it here if you don't have it:

<http://javatekmedia.com/downloads/trackitcustom.zip>

Place your BlackBerry in the cradle or connect directly using your cable.

On your computer, open the Desktop Manager.

(Usually located in the Start button under "Programs" → "BlackBerry" → "Desktop Manager")

Make sure that the Desktop Manager says "Connected" in the title bar.

Click on the "Application Loader" icon.

Select Add and follow the prompts.

## 4. Tutorial

For step by step instructions on creating a recipe solution, please view our included PowerPoint presentation called “recipetutorial.ppt”. This can also be downloaded at the following link:  
<http://javatekmedia.com/downloads/recipetutorial.ppt>

## 5. Table Design

This section will allow you to create the table design. We will go through each part of the process in the order that should be followed. Figure 1 shows us the table design menu.

### 5.1. Manage Fields

Add the fields that will be used for your table. For example, a recipe would have fields such as Name, Directions, Ingredients, etc...

#### Supported Field Types:

- Text
- Integer
- Float
- Currency
- Url
- Email
- Date
- Time
- Checkbox
- Radio Button
- Drop Down
- List
- Subtable

#### 5.1.1. Text Fields

Figure 2 displays a “Text” field type example. “Name” is what the field will be called but “Display Label” is what will be shown in the table when entering your data. “Is this field mandatory” gives you the option to require a field to be filled. A data entry will not be saved until a value is entered in this field and a message will display which field(s) must be completed. “Add a default value” will perform as expected. Many of the various field types will have a similar screen to Figure 2.

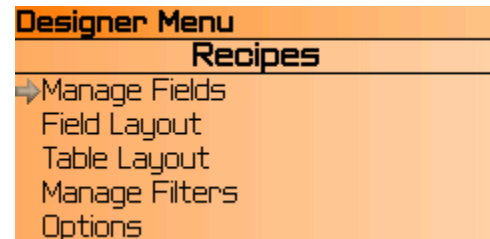


Figure 1

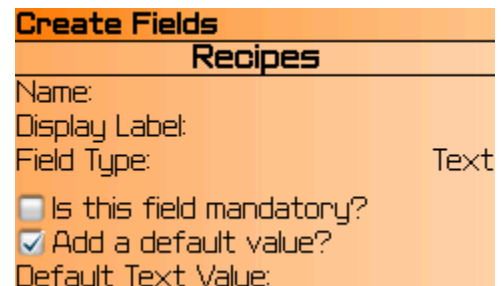


Figure 2

### 5.1.2. Checkbox Fields

The next field type with a few minor differences is “Checkbox”, displayed in Figure 3. “Checkbox has multiple values” can be enabled if you want a list of checkboxes. Leaving this option unchecked is useful for yes and no answers. The next difference is “Show Checkmark in Table”. An example where this could be useful is a shopping list. The checkmark could be used to show whether an item has been purchased or not. Figure 4 demonstrates how the checkmark would appear in the table. Only one “Checkbox” field may have this option enabled per table.

Tip: When entering data such as in Figure 4, you can press the Space Bar to add or remove the checkmark. This is convenient since you do not have to open the entry to make the change.

### 5.1.3. Radio Button Fields

The following field to examine is the “Radio Button” field. This is similar to the “Drop Down” and “Checkbox” list (when “Checkbox has multiple values” is enabled). “Allow user to alter list” will allow changes to be made in this list from the data entry screen. Values for this list are entered under “Enter values”. These values can be placed in any order or can be sorted by selecting “Sort Values” from the menu after editing the list.

The next option is “Use values from other field”. Instead of entering the values for this list, you can grab the values from the data in another table. For example, you may have a table with a list of all your DVDs. Another table may track who is borrowing these DVDs. Without this option you would always have to retype your DVD titles for each entry. Instead of doing this, you can link the list to grab your DVD titles. In Figure 6 we select the table “DVDs”, which stores all your DVD information. We then selected the field “Title”, which holds the name of the DVDs.

**Create Fields**  
**Recipes**  
 Name:  
 Display Label:  
 Field Type: Checkbox  
 Checkbox has multiple values  
 Is checked by default?  
 Show Checkmark in Table?

Figure 3

Qty	Item
2	Eggs
1	Lasagna
2	Lettuce
1	Meatloaf
2	Milk
3	Tomatoes

Figure 4

**Create Fields**  
**Recipes**  
 Name:  
 Display Label:  
 Field Type: Radio Button  
 Is this field mandatory?  
 Use values from other field?  
 Allow user to alter list?  
 Enter values:  
 \* Empty \*  
 Add a default value?

Figure 5

**Create Fields**  
**Borrowed DVDs**  
 Name: DVD  
 Display Label: DVD:  
 Field Type: Radio Button  
 Is this field mandatory?  
 Use values from other field?  
 Select table: DVDs  
 Select Field: Title  
 Add a default value?

Figure 6

### 5.1.4. Subtable Fields

The last field type, as shown in Figure 7 is “Table”. This type will allow you to create subtables. Clicking on “Manage Table Field” will open the “Designer Menu” (as show previously in Figure 1) which will allow you to create a new table structure. An example of this usage could be for the ingredients in a recipe. This subtable could store a recipe’s ingredient list showing the ingredient’s name and quantity. An example demonstrating this is provided with the software and included in the tutorial.



Figure 7

### 5.1.5. Field Calculations

This option is available with types: Number (Integer and Float) and Currency. Enable “Use calculation as field value” to enter your calculation. This is done by using the menu. You can enter other fields, operators, numbers and parenthesis. The available operators are additions, subtractions, multiplications and divisions.

Figure 8 shows us a shopping list where we store the item quantity and cost. We wish to know the total cost and so we multiply the cost by the quantity.

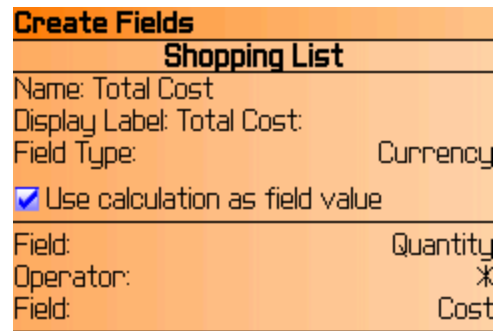


Figure 8

## 5.2. Field Layout

This section lets you arrange the screen displayed for the data entries. You can perform the following:

- Add titles
- Add lines
- Add spacing
- Move any fields

Figure 9 shows an example screen for a recipe entry.

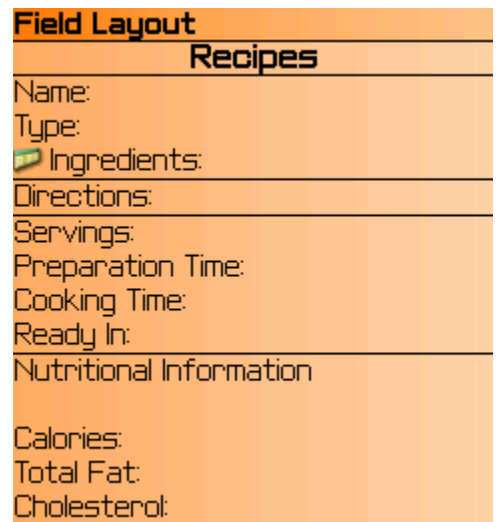


Figure 9

### 5.3. Table Layout

Choose up to three fields to display in the columns. Columns can be resized and title headers can be renamed. Renaming is useful when the header name is longer than the column width. You could instead use abbreviations rather than their full names. You can also add a footer to the table. If the footer is being displayed and one of your column field types is a number or currency, the following menu item will appear: “Add Column Sum in Footer”. This will sum the column values and place the result in the footer. For example you may want a list of item names and their prices. You could use this option to have the total cost of the items displayed at the bottom. Figure 10 shows how the cost of shopping list items can be calculated in the footer.

Shopping List	
Item	Price
→ Binder	\$15.00
Calculator	\$15.00
Clipboard	\$6.00
Notepads	\$6.00
Paper	\$10.00
Pens	\$4.95
Stapler	\$20.00
	<b>\$76.95</b>

Figure 10

### 5.4. Manage Filters

Choose which fields in your table should have the option of filtering out results. For example, recipes could have a field called “Type” with values such as seafood, salad, poultry, meats, etc... When viewing your table data you could now limit your results to just the seafood recipes by using the filters.

### 5.5. Options

The only option available is called “Table results affected by sub-table filters”. Here is an example demonstrating why you would use this. Let’s say you have table called “Recipes” and a subtable called “Ingredients”, shown in Figure 11. Let’s say that in the “Ingredients” table, you choose to have the “Name” filterable. At the moment, this would mean that when you are viewing the ingredient table’s data, it will show you only the ingredients you choose to be filtered. For example if you choose to filter “Eggs”, only the ingredients named “Eggs” will be displayed. As you can imagine this is not very useful. What would be useful is to choose some ingredients and display the recipes that would have those ingredients. By selecting this checkbox, you are saying that the results of filtering the subtable called “Ingredients” should affect the “Recipes” table results. In other words, you could view only the recipes containing “Eggs” or any other ingredient(s) you choose.

Ingredients		
Qty	Type	Name
→ 1/3	Cup	All-Purpose Flour
4		Chicken Breasts
2	Cups	Corn Oil
1		Eggs
1 1/2	Tsp	Salt
1 1/2	Tbsp	Seasame seeds
1/3	Cup	Water

Figure 11

## 6. Data Entering

View and enter your data by choosing a table from the main screen and selecting “Open”. This will display a table with rows of records, as shown in Figure 12. This is where you can create, edit, view and delete records. Some columns may contain a number at the bottom within the footer. This number is the total for all the records currently displayed in that column.

All tables will have a menu option to sort records. Sorting allows you to sort the records by any column header either by ascending or descending order. A nice feature tied in here is that if you press a character, the screen will scroll down to that record based on which column is sorted. For example, if you are sorting by the “Title” column in Figure 12 and you press the letter ‘g’, the screen will scroll down to “Ghost Rider”. An arrow in the header is displayed to show you which column is sorted.

DVDs	
Title	Genre
→ Aliens	Action
Armageddon	Action
Batman Begins	Action
Bewitched	Comedy
Braveheart	Action
Cars	Animation
Cast Away	Adventure
Dogma	Adventure
Fantastic Four	Action
Finding Nemo	Animation
Forest Gump	Comedy
Ghost Rider	Action
Hamlet	Drama
...	...

Figure 12

If any fields can be filtered, a menu option will be available allowing you to filter out records for display.

Some tables may have a checkmark displayed as in Figure 13. This checkmark will be associated to one of the table’s checkboxes. This feature was added by selecting “Show Checkmark in Table” in the design mode.

Shopping List	
Qty	Item
→ 2	Eggs
✓ 1	Lasagna
✓ 2	Lettuce
1	Meatloaf
2	Milk
3	Tomatoes

Figure 13

Tip: When entering data such as in Figure 13, you can press the Space Bar to add or remove the checkmark. This is convenient since you do not have to open the entry to make the change.

Tip: To scroll up or down a page, hold the “ALT” key while scrolling.

## 7. Security

### 7.1. Program startup

Have trackIT: Custom Edition ask for a password on every startup. This can be enabled by choosing the “Features” menu item from the main screen, followed by “Password Options”. You can also include an email address when activating this option. This will send you an email with the correct password if entered incorrectly.

Note: The email option should not be used when protecting highly sensitive data.

## 7.2. Individual tables

Set individual passwords for any table. To accomplish this, select the table from the main screen and choose the “Table Options” menu item, followed by “Security Options”. Selecting “Enable password” will give you the same options mentioned in the “Program startup” section.

## 7.3. Encryption

Add additional protection to your sensitive data using the highly secure Triple DES encryption method. This can be set for individual tables. To enable the encryption, select the table you wish to protect from the main screen and choose the “Table Options” menu item, followed by “Security Options”. Check “Encrypt all data”.

# 8. Features

## 8.1. General Options

The first option allows you to change the currency symbol used by the software. The next option, “Erase all filters on exit” will make sure that you start the program every time with no data being filtered out.

## 8.2. Export Data

You can export your data by using either the USB or email method. The exported file types are HTML and CSV (used for excel). Simply choose the tables you wish to receive. The option “Export Subtables” can be unchecked if you do not wish to receive any data from the subtables. Once you are ready to transfer the data, select “Export” from the menu.

### 8.2.1. USB method

Before using this method, you will need to install the desktop software by running the “trackitcustom.msi” setup program contained in the zip file. Once installed, you will find new shortcuts located under the “Start” menu. They will be located under “Programs”, “Javatek Media”, “trackIT – Custom Edition”.

To export your data, go into the “Options” menu item in the Export screen. Select at least one format you wish to receive and then the USB export method. Once saved, select “Export” from the menu. Now your PC needs to receive the files. Go to “trackIT – Custom Edition” in the “Start” menu, then select “Start USB Export”. Once the files are all downloaded, you can select the “Export Folder” shortcut to view your downloaded files.

If the transfer does not seem to be working properly, please view “Section 11: Troubleshooting”.

### 8.2.2. Email method

To use this feature you need to have email activated on your BlackBerry. The first step to export data is to go into the “Options” menu item. Select at least one format you wish to receive and then the Email export method. Enter your email address. You will receive an email for every checkbox selected containing your file attachments.

### 8.3. Share Table Designs

Once you have created a table design you can share it with other users that have trackIT: Custom Edition installed. To share a table design, the sender and receiver must have email activated on their BlackBerry handhelds.

#### 8.3.1. Sending a table design

To send your table design, first select all the tables you wish to share. If you want to prevent any users from modifying your table design, leave “Allow table modifications” unchecked. If you want to share your entered data along with the table design, check “Include data”. Lastly, enter the email address of the BlackBerry user who will be receiving your design. You can send to multiple email addresses at once by selecting “Insert Email Address” from the menu.

#### 8.3.2. Installing a table design

To install a table design you must have received it in your BlackBerry’s email inbox. The email will have the subject line “trackIT: Custom Edition – Table Structures”. Open this email and scroll down to the attachment. This should be at the bottom and will have a file ending with “.trackit”. Open the menu and select “Import trackIT: Custom Edition tables”. This will automatically start importing the table design.

If the menu item is not available, please view “Section 11: Troubleshooting”.

### 8.4. Delete Data

This feature will allow you to remove large quantities of data very quickly. Select from which table(s) you would like all data removed and choose “Delete” from the menu.

### 8.5. Color Schemes

Customize the look by choosing from a variety of color schemes. You can preview the selections in this screen by cycling through the different choices available.

## 9. Importing Data

You can import a CSV file into trackIT: Custom Edition containing all of your data. To import a CSV file, you must have email activated on your BlackBerry.

### 9.1. Creating a CSV file using Excel

- Load your Excel spreadsheet
- Make sure the first row has the column names
- Select “File”, then click on “Save As”
- Change the “Save as type:” to “CSV (Comma delimited) (\*.csv)”
- Choose a “File name:”
  - The filename for your CSV file must start with “x-rimdevice”
- Click “Save”
- During the import, use the following settings:
  - Select delimiter: Comma
  - Text qualifier: “

## 9.2. Importing the CSV file

Important: The filename for your CSV file must start with “x-rimdevice”. Without this, email attachments may not be delivered or stored on the device.

To transfer your CSV file, you need to send the file as an email attachment to your BlackBerry. To import the data you must open your BlackBerry’s inbox and open the email with your CSV file attachment. Scroll down to the attachment and select “Import data to trackIT: Custom Edition” from the menu to start the transfer.

During the transfer you will be asked the table name, the delimiter and the text quantifier used in the CSV file. It will then go through all the column names and ask you to choose the column’s data type. This will let you select from any of the following data types:

- Text
- Integer
- Float
- Currency
- Url
- Email
- Date
- Time

Once the transfer has completed, you can open trackIT: Custom Edition and see your newly imported table. Before viewing your data you will need to create the table design. Open your table in design mode and select “Table Layout”. Once the layout is complete you will be able to view and edit your data.

If the menu item “Import data to trackIT: Custom Edition” is not available when selecting the attachment, please view “Section 11: Troubleshooting”.

## 10. Backing up Data

To backup the data, load the BlackBerry Desktop Manager.

Select “Backup and Restore”.

Select “Advanced”.

On the right hand side are the Handheld Databases.

Select “trackIT: Custom Edition” and click the arrow pointing to the left side.

Go to “File” in the menu bar and select “Save As”.

Choose a directory and Save.

## 11. BlackBerry Software



### Video Caller ID

Add videos, full screen photos and custom ringtones to your incoming calls. Assign media to your Contacts from your media card or use pictures and videos taken with your BlackBerry.

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### Auto Redial Pro

Getting frustrated and wasting lots of time getting through to that busy number? Let Auto Redial Pro do the dialing for you.

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### trackIT: TimeZone Edition

A great tool for any traveler or individual calling friends, family, or business offices in other cities. Includes time conversion calculator, meeting planner, screen saver and more.

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### trackIT: TimeZone Edition Lite

A great tool for any traveler or individual calling friends, family, or business offices in other cities.

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### trackIT: Expense Edition

Export to Quicken and QuickBooks, create subcategories, split an expense into multiple categories, use multiple currencies, schedule expenses, use password protection and more.

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### trackIT: Vehicle Edition

Most extensive Vehicle tracking system for Business and Personal use. Tracks maintenance, mileage, fuel, expenses and more. Loaded with features and very simple to use.

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### trackIT: Custom Edition

Replace most data storing software with this powerful tool. Create and customize your own solutions that meets your needs. Includes free Shopping List, DVD tracking and Recipes.

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## **trackIT: Currency Edition**

Receive over 50 currencies updated hourly. Includes a built in currency calculator and also integrates directly into our product, trackIT: Expense Edition, for hassle free updates.

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## **Card Pack Gold**

Popular card games featuring Blackjack, Poker, Solitaire, Red Dog and HiLo. Features include save games, high scores and changeable colors.

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## **PhonePix: Photo Caller ID**

Add full screen photos and custom ringtones to your incoming calls. Manipulate images and shrink MP3 files to use as ringtones. Data transferred using a USB cable.

## 12. Troubleshooting

1. **You are experiencing problems exporting your data using the USB method. The import popup box on your BlackBerry remains for a long time or you receive the error: “java.IOException:Illegal Channel”.**

Try rebooting your BlackBerry by performing a hard reboot. This can be done by removing and re-inserting the battery.

2. **You receive the following error message when installing the program: “The following modules could not be loaded because their digital signatures were invalid.”**

This is caused when attempting to install a third party application on a BlackBerry handheld that contains an IT Policy restricting the installation of third party applications. To resolve this you must contact your BlackBerry Enterprise Server administrator to modify the IT Policy, removing the restriction from installing third party applications.

3. **When you try loading any software using the BlackBerry Desktop Manager, you receive the following error: "No additional applications designed for your handheld were found."**

This occurs if you have the Desktop Manager software installed but are missing the Handheld Software (ie: your BlackBerry's operating system). Both need to be installed before any software can be added to your BlackBerry. You can find the Handheld software on your carrier's website.

4. **When selecting your email attachment, the menu items “Import data to trackIT: Custom Edition” or “Import trackIT: Custom Edition tables” are not available.**

Try rebooting your BlackBerry by performing a hard reboot. This can be done by removing and re-inserting the battery.

## 13. Support

Please visit our support section at:

<http://www.javatekmedia.com/support-faq.jsp>

For further questions, please contact us at:

<http://www.javatekmedia.com/contact/contact.jsp>