



Field Adapted Survey Toolkit (FAST) For the BlackBerry®

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Startup and Settings

Software Benefits

FAST Overview

The Field Adapted Survey Toolkit (FAST) allows you to rapidly collect information on mobile devices using customizable forms. The forms can incorporate text; pick lists, signatures, GPS, images and video to name a few. Once created, the forms can be loaded to a mobile device or uploaded to the web where data can be collected.

Features	Benefits
<ul style="list-style-type: none">• Off the shelf forms automation.• Easy drag and drop form design.• Includes reports, charts, templates, web service data exchange.• Integrated GPS capabilities.• Mapping (Google Earth) and GIS (ESRI).• Attach multimedia components and documents.• Signature capture.**• Wireless data synchronization.	<ul style="list-style-type: none">• Out of the box for rapid deployment.• Build and change forms quickly.• Eliminates in-house development time and cost• Visualize collected data spatially.• Enhance reports with photos, videos taken at the scene.• Survey validation.• Real time data collection.• Reliability and coverage.

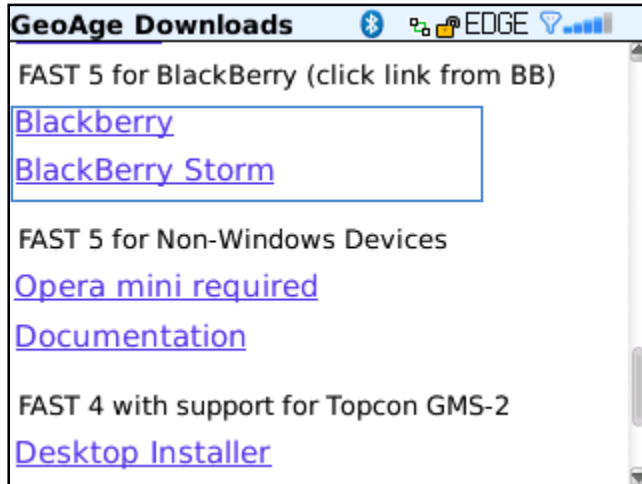
****Note:** FAST for the BlackBerry® does not use the signature capture function.

Installing FAST

The FAST software can be installed over-the-air via an internet connection from your BlackBerry® smartphone.

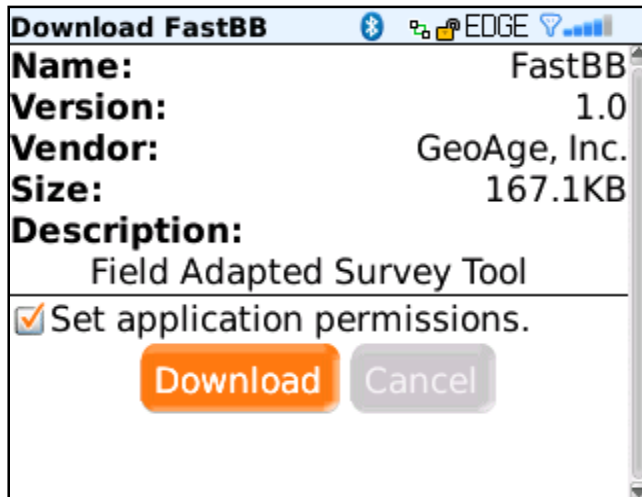
To install the software:

1. From your BlackBerry browser, go to <http://www.getfastnow.net> and select the appropriate link.



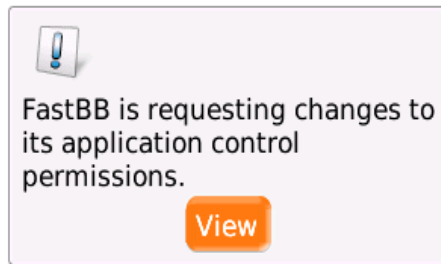
FAST Website for BlackBerry Download

2. Select **Set Application Permissions**. ****Note:** If the permissions are set initially when the software is downloaded, the collection process will occur faster because you will not have to grant FAST access to resources on your device.

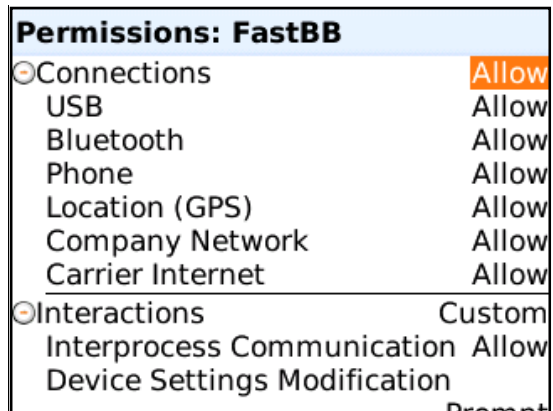


FAST Download screen on the BlackBerry

3. Select **Download**.

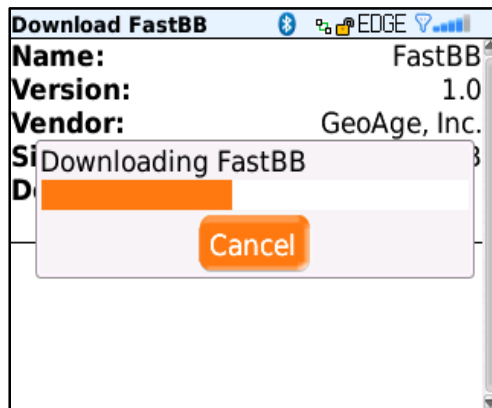


Confirmation to Allow Changes

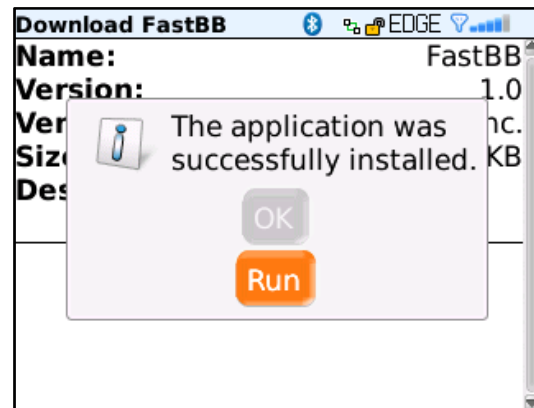


Permissions screen on BlackBerry

4. Activate the menu (☰) and select **Save**. After saving the changes, the download dialog box will appear. Once the software is installed, select **OK** or **Run**.



Downloading Dialog Box




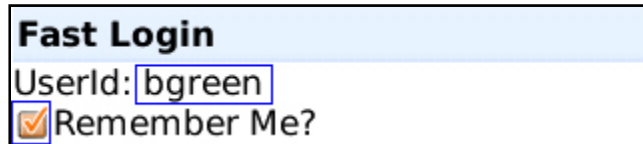
Success Dialog Box

5. Your device must be rebooted. Select **Later** or **Reboot** from the information dialog box.

Login Screen

To complete a survey in FAST, you must first log into the software on your BlackBerry®:

1. Select **Applications** or **Programs**.
2. Select the **FAST** application. 
3. From the FAST Login screen, enter a **UserId**. The name entered will be used in the file name for each saved survey record.
4. (Optional) Select **Remember Me?** to save your UserId.



Fast Login
UserId: bgreen
 Remember Me?

Login Dialog Box



5. Activate the menu by pressing the trackball and select **Login**.



Setting FAST Options

To change the web address and default directories where surveys are stored:

****Note:** If you have a storage card installed on your device, you can elect to save your surveys on the card instead of the device. If you are storing multiple photos and files in a single survey, it is recommended that you use a storage card.

1. Activate the menu ().
2. Select **Options**.
3. From **FAST Options**, select **Browse** under **Survey Location** to change where survey forms are stored.
4. Select **Browse** under **Records Location** to change where completed surveys are stored.
5. If you are using a web service for uploading and downloading records, enter the web address next to **Web URL**.
6. Activate the menu () and select **Save**.

Working with Surveys

Creating a New Survey Record

To complete a survey:

1. From the main screen, highlight your desired survey and select it by pressing the trackball. ****Note:** You can also select **New Record** by activating the menu (**≡**).
2. Answer the survey questions. ****Note:** For more information about survey questions, please visit the [Components Overview](#) topic.
3. Activate the menu (**≡**) and select **Save**.

Navigating within a Survey

You can use the trackball on your device to navigate between questions. You can also navigate by selecting **Jump To** from the menu while completing a survey. The **Jump To** option lets you go to a user-defined header. To use this feature, activate the menu (**≡**) and select **Jump To**.

From the popup window, choose a header from the list and press the trackball. After highlighting a header from the list, select **Go**.

Viewing Survey Records

To list all saved surveys on your device or storage card:

1. From the main screen, highlight your desired survey and activate the menu (**≡**).
2. Select **List Records**.



List Records Screen

3. To return to the previous menu, press the Back (**>**) button or select **Close** by activating the menu (**≡**).

Changing and Deleting a Survey Record

To make a change to a completed survey:

1. From the main screen, highlight your desired survey and activate the menu (**≡**).
2. Select **List Records**.
3. Highlight and select your desired record.
4. Navigate to the questions that need updating and make the necessary changes.
5. Activate the menu (**≡**) and select **Save**.

To delete a completed survey record:

1. From the main screen, highlight your desired survey and activate the menu (**≡**).
2. Select **List Records**.
3. Highlight and select your desired record.
4. Activate the menu (**≡**) and select **Delete Record**.

Viewing Survey Information

To view survey creator and description information:

1. From the main screen, highlight your desired survey and activate the menu (☰).
2. Select **Survey Info**.

FAST Survey Info

Name: Animal Bite Report

Author: Joe User

Description:
 Public Health Form used to report an
 animal bite incident. [http://
 www.nyc.gov/html/doh/html/vet/
 vetegp.shtml](http://www.nyc.gov/html/doh/html/vet/vetegp.shtml)

FAST Survey Information Screen

3. To return to the previous menu, press the Back (➤) button or select **Close** by activating the menu (☰).

Deleting a Survey

To delete a survey:




1. From the main screen, highlight your desired survey and activate the menu (☰).
2. Select **Delete Survey**.
3. From the popup window, select **Yes** to delete the survey or **No** to exit and return to the previous screen.

Uploading/Downloading Surveys and Records

You have the ability to upload records to the web and download surveys and records from the web. To use this feature you must have access to a FAST web server and the ability to access the web from your BlackBerry.

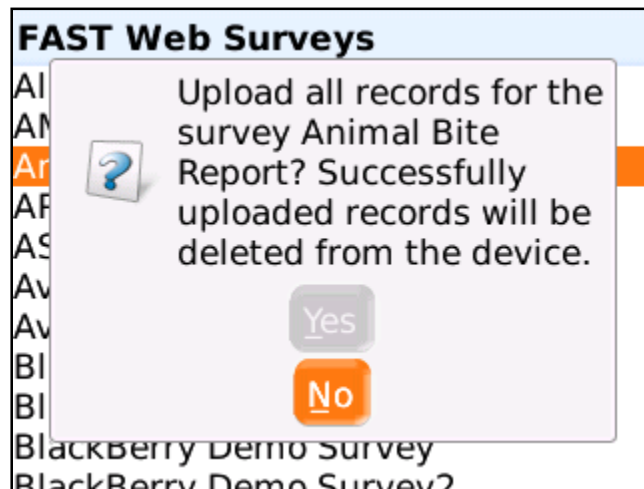
****Note:** Before connecting to the FAST web service, make sure you enter a web URL in your [FAST options](#).

To connect to the FAST web service:

1. Activate the menu ().
2. Select **Upload/Download**.
3. Enter a **User Name** and **Password**.
4. (Optional) - Select **Remember Me?** to save your login information.
5. Select **Go**.
6. After connecting to the web service, select a survey from the list.
7. From the menu, select **Upload Records**, **Download Survey**, or **Download Records**.
8. To return to the previous menu, press the Back () button or activate the menu () and select **Close**.

Uploading Records

After selecting **Upload Records**, select **Yes** to upload all records from the device for the highlighted survey to the web or **No** to cancel the upload.



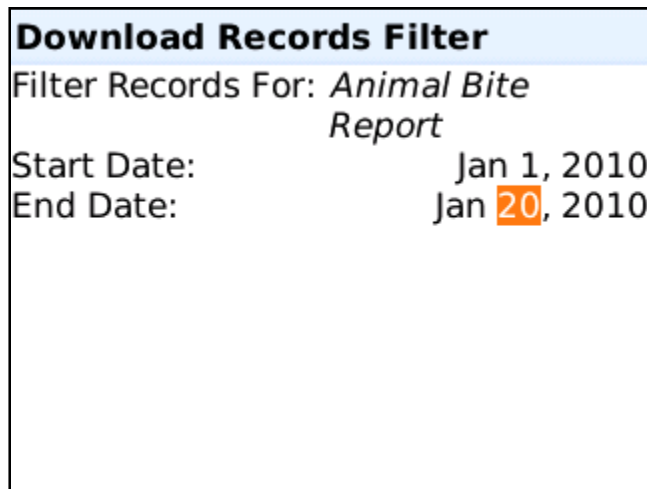
Uploading Records to the Web

Downloading Survey

After selecting **Download Survey**, select **OK** from the successful window. If the survey already exists on the device, you will be given an option to replace it.

Downloading Records

After selecting **Download Records**, enter a date filter and select the download option from the menu.



Download Records Filter
Filter Records For: *Animal Bite Report*
Start Date: Jan 1, 2010
End Date: Jan 20, 2010

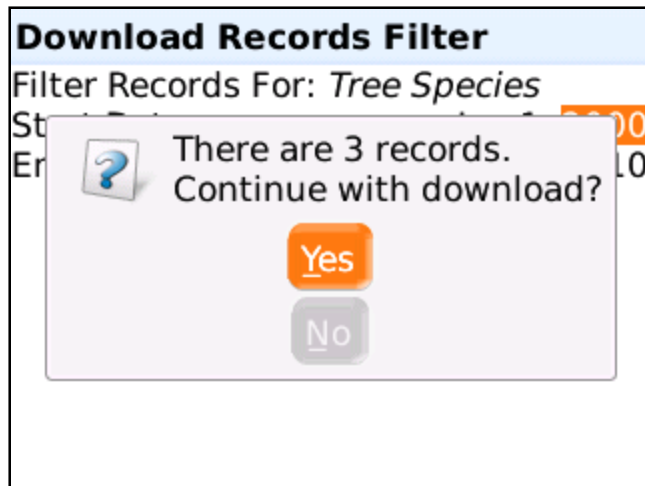
Downloading Records When Entering a Date Filter



Download Records Filter
Filter Records For: *Animal Bite Report*
Start Date: Jan 1, 2010
End Date: Jan 20, 2010

- Change Option
- Download Records**
- Copy
- Close

Downloading Records When Selecting the Menu Option



Downloading Records When Continue Option is Displayed

Understanding Survey Components

Components Overview

Questions are added to a survey as components. Below are the different types of components that can be used in surveys that will be completed on a BlackBerry device:

- [Address](#)
- [GPS](#)
- [Multi-Select](#)
- [Numeric](#)
- [Single Select](#)
- [Text](#)
- [Formatted Text](#)
- [Calculator](#)
- [Photo](#)
- [Stop Watch](#)
- [Date](#)
- [File](#)
- [Sketch](#)
- [Signature](#)

Address

The Address survey component lets you capture an address, city, state, and zip code that will be translated into longitude and latitude coordinates.

To enter an address, navigate to each field and enter the appropriate data. ****Note:** The contents of the **Map Label** field will be displayed next to the map symbol used to represent the address. Once complete, proceed to the next question or end your survey by activating the menu (☰) and making a selection.

****Note:** If an asterisk (*) is present next to the question, then the question is required.

FAST Record
Geocode Street: <input type="text"/> City: <input type="text"/> State: -- NO STATE SELECTED -- Zip Code: <input type="text"/> Map Label: <input type="text"/>
GPS- Point Longitude: Latitude:

Blank Address Component

FAST Record
Geocode Street: 123 main st City: jacksonville State: FL Zip Code: 32224 Map Label: work
GPS- Point Longitude: Latitude:

Address Component with Complete Address and Map Label

GPS

The GPS XY and GPS XYZ questions let you capture GPS data. The GPS XY lets you capture latitude and longitude data for a point, line, or polygon shape while a GPS XYZ lets you capture a point but includes an altitude option.

****Note:** If an asterisk (*) is present next to the question, then the question is required.

To capture GPS data using your BlackBerry device:


1. From the GPS question, select **Start** to activate the GPS receiver. **** Note:** The **Start** button only works with BlackBerry devices with built-in GPS receivers. As of this writing, you cannot use the **Start** button with a GPS receiver that is paired via bluetooth to your BlackBerry. However, you can obtain coordinates from an external GPS device and enter them into the survey manually by navigating to each field.
2. Once a fix on your location has been obtained (visible GPS coordinates on the screen), select **Capture Pt** to save the GPS data currently being displayed.
3. (Optional) - For a line, move to a new location repeat steps 1 and 2. ****Note:** For a polygon shape, continue moving to a new location while repeating steps 1 and 2 until your shape is complete. The number of points captured will be visible in **Pts**.

FAST Record
Map Label: work
GPS- Point
Longitude: -81.522
Latitude: 30.275
PDOP:
<input type="button" value="Start"/> <input type="button" value="Stop"/> <input type="button" value="Capture Pt"/>
Shape: point Points: 0
Average: No averaging
<i>Unable to get coordinates. To try again, press the Start button.</i>

GPS Component Before Capture Pt is Selected

FAST Record
Map Label: work
GPS- Point
Longitude: -81.522
Latitude: 30.275
PDOP:
<input type="button" value="Start"/> <input type="button" value="Stop"/> <input type="button" value="Capture Pt"/>
<input type="button" value="Map"/> <input type="button" value="Clear"/> Shape: point Pts: 1
Average: No averaging
<i>Unable to get coordinates. To try again, press the Start button.</i>

GPS Component After Capture Pt is Selected

4. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

To view the GPS data on a map:

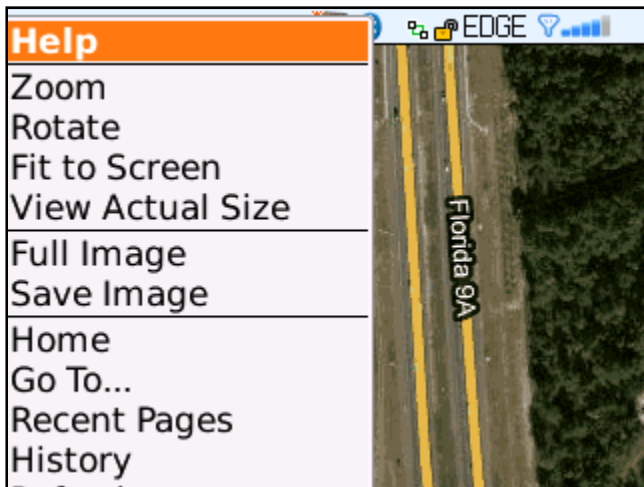
****Note:** You must be connected to the internet to use this option.

1. Select **Map**. ****Note:** The Map option will appear after GPS data has been captured.





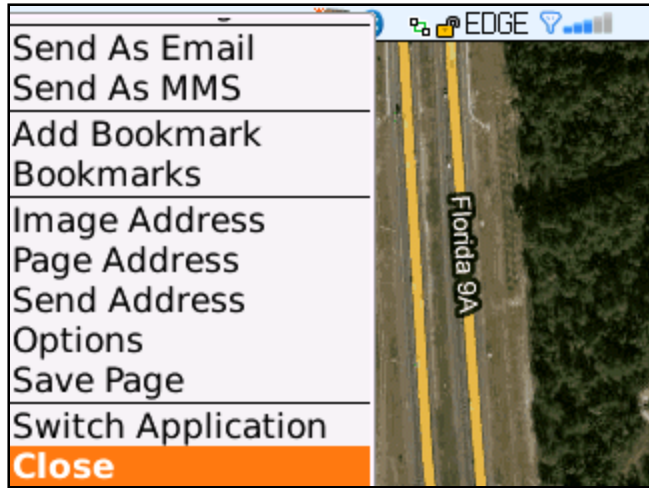
GPS Component After Map is Selected

2. (Optional) - Activate the menu () to modify how the map is displayed on the device.




GPS Component After Map is Selected and Menu Activated

3. To return to the survey, select the Back button () or activate the menu () and select **Close**.



GPS Component After Map is Selected and Close Selected

Multi-Select

The Multi-Select survey component allows for multiple answers to be selected from a list of predetermined answers. To select an item from the list, navigate to and highlight the box next to the item. Make a selection by pressing the trackball. Once selected, a check mark will appear next to the item. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

****Note:** If an asterisk (*) is present next to the question, then the question is required.


FAST Record
Hardware deployed in company
<input type="checkbox"/> Blackberry
<input type="checkbox"/> Windows Mobile
<input type="checkbox"/> Cellular
<input type="checkbox"/> Aircard
Service deployed
<input type="checkbox"/> Voice
<input type="checkbox"/> Data
Customer satisfaction on a scale

Multi-Select Option Before Selections are Made

FAST Record
Hardware deployed in company
<input checked="" type="checkbox"/> Blackberry
<input type="checkbox"/> Windows Mobile
<input checked="" type="checkbox"/> Cellular
<input checked="" type="checkbox"/> Aircard
Service deployed
<input checked="" type="checkbox"/> Voice
<input checked="" type="checkbox"/> Data
Customer satisfaction on a scale


Multi-Select Option After Selections are Made

Numeric


The Numeric survey component lets you enter numeric values into a field. A numeric field is recognizable when the **NUM** or **123** icon appears in the top right-hand corner of the screen indicating only numeric values are allowed in the selected field. To enter a numeric value, navigate to the field and enter the appropriate data. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

****Note:** If an asterisk (*) is present next to the question, then the question is required.

Decimal	If "Decimal" appears next to the question, a numeric value containing a decimal point can be entered.
Min	Specifies the smallest valid value allowed.
Max	Specifies the largest valid value allowed.

FAST Record
New Allow Decimal
Allow Decimal (decimal)
No Decimal


Numeric Component Before Data is Entered

FAST Record
New Allow Decimal
Allow Decimal (decimal)
12.3
No Decimal
123 

Numeric Component After Data is Entered

Single Select

The Single Select survey component lets you select a single item from a list of predetermined answers. ****Note:** A Single Select question without an item selected is distinguished by "-- NO ANSWER SELECTED --". Also, a Single Select question can contain either a drop down list or radio buttons.

(Drop down list) - To select an item, navigate to the item to highlight it, and press the trackball to make your selection. Once complete, proceed to the next question or end your survey by activating the menu (**⌵**) and making a selection.

(Radio button items) - To select an item, navigate to the item to highlight it, and press the trackball to make your selection. After an item is chosen, the circle next to the item will appear filled-in. Once complete, proceed to the next question or end your survey by activating the menu (**⌵**) and making a selection.

****Note:** If an asterisk (*) is present next to the question, then the question is required.

FAST Record
Drop down multiple choice -- NO ANSWER SELECTED --
Radio button multiple choice <input type="radio"/> -- NO ANSWER SELECTED -- <input type="radio"/> Its <input type="radio"/> Fleece <input type="radio"/> Was <input type="radio"/> White <input type="radio"/> As <input type="radio"/> Snow

Single Select Drop Down List Option Before Selection

FAST Record										
Drop down multiple choice -- NO ANSWER SELECTED --										
<table border="1"> <tr> <td>Mary</td> <td>oice</td> </tr> <tr> <td>Had</td> <td>--</td> </tr> <tr> <td>A</td> <td></td> </tr> <tr> <td>Little</td> <td></td> </tr> <tr> <td>Lamb</td> <td></td> </tr> </table> <input type="radio"/> White <input type="radio"/> As <input type="radio"/> Snow	Mary	oice	Had	--	A		Little		Lamb	
Mary	oice									
Had	--									
A										
Little										
Lamb										

Single Select Drop Down List Option After Selection

FAST Record
Drop down multiple choice Mary
Radio button multiple choice <input checked="" type="radio"/> -- NO ANSWER SELECTED -- <input type="radio"/> Its <input type="radio"/> Fleece <input type="radio"/> Was <input type="radio"/> White <input type="radio"/> As <input type="radio"/> Snow


Single Select Radio Buttons Option Before Selection

FAST Record
Drop down multiple choice Mary
Radio button multiple choice <input type="radio"/> -- NO ANSWER SELECTED -- <input checked="" type="radio"/> Its <input type="radio"/> Fleece <input type="radio"/> Was <input type="radio"/> White <input type="radio"/> As <input type="radio"/> Snow

Single Select Radio Buttons Option After Selection

Text

The Text survey component allows for alphanumeric characters to be entered as an answer to a question.

To enter data, navigate to the text question and type your answer into the field using the device keyboard. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

****Note:** If an asterisk (*) is present next to the question, then the question is required.

Max Length	Specifies the maximum number of characters allowed for the field. If Max Length does not appear, then you can enter an unlimited amount of data into the field. **Note: A Min Length can also be specified.
-------------------	---


FAST Record	
<input checked="" type="checkbox"/> Date:	Feb 5, 2010
* Time In:-##:##	13:00
* Name of Store Manager on duty during your visit:	
Max Length: 40	John Doe
* Did you speak to Store Manager?	-- NO ANSWER SELECTED --

Text Component After Data has been Entered

Formatted Text

The Formatted Text survey component allows for a preformatted answer to be collected. The following formats are available:

- Telephone Number
- Telephone Number minus Area Code
- Social Security Number
- Time (military)

To enter data, navigate to the question and type your answer into the field using the device keyboard. For formatted text questions, you must enter the data in the format specified (Example: (904) 123-1234). Once complete, proceed to the next question or end your survey by activating the menu ().

****Note:** If an asterisk (*) is present next to the question, then the question is required.

Max Length	Specifies the maximum number of characters allowed for the field. If Max Length does not appear, then you can enter an unlimited amount of data into the field. **Note: A Min Length can also be specified.
-------------------	---

FAST Record
Time of Survey-##:##
Customer's Name
Formatted Text - Phone w/ Area Code-(###) ###-####
Formatted Text - Phone w/o Area Code-###-####

Blank Formatted Text Components

FAST Record
Time of Survey-##:## 13:22
Customer's Name jane doe
Formatted Text - Phone w/ Area Code-(###) ###-#### (904) 123-1234
Formatted Text - Phone w/o Area Code-###-#### 321-3210

Formatted Text Components with Data

Calculator

The Calculator survey component is not a data entry field. The Calculator lets you view the results of a calculation that is included within the survey.

FAST Record
* Assessed Value of Property (decimal)
Tax Rate (decimal) .03
Total Tax (decimal)
Signature
Sign Here

Calculator Component Before Calculation is Done

FAST Record
* Assessed Value of Property (decimal) 200000
Tax Rate (decimal) .03
Total Tax (decimal) 6000
Signature
Sign Here

Calculator Component After Calculation is Done

Photo

The Photo survey component lets you attach a picture to your survey. You can take a photo with the device you are using to collect the survey data or select a file saved on the device or storage card. The following image files are acceptable for use with this component:

GIF	Graphic Interchange Format
JPG/JPEG	Joint Photographic Experts Group
PNG	Portable Network Graphics

****Note:** The image file must be less than 2 MB.

To add an image to the survey:

1. (Optional) - Using the device keyboard, enter data into the **Photo Note** text box.

The screenshot shows a mobile survey form titled "FAST Record". It has several sections: "Sketch", "Create a Sketch of the area Note:", "Photo", and "Attach photo of damaged area". Under the "Attach photo of damaged area" section, there are two text boxes: "Photo Name:" and "Photo Note:". The "Photo Note:" text box has a vertical cursor at the end of the line. Below these text boxes are two buttons: "Camera" and "Browse".

Photo Question with Cursor at Photo Note Text Box

2. If you have a built-in camera, highlight **Camera** and select it. ****Note:** You can also select an image from your device or storage card by selecting **Browse** to choose an image.


This screenshot is identical to the previous one, but the "Camera" button is now highlighted in orange, indicating it has been selected. The "Photo Note:" text box now contains the text "damaged vehicle".

Question with Cursor at Camera

This screenshot is identical to the previous one, but the "Browse" button is now highlighted in orange, indicating it has been selected. The "Photo Note:" text box still contains the text "damaged vehicle".

Question with Cursor at Browse Button


3. Take a photo and save it.

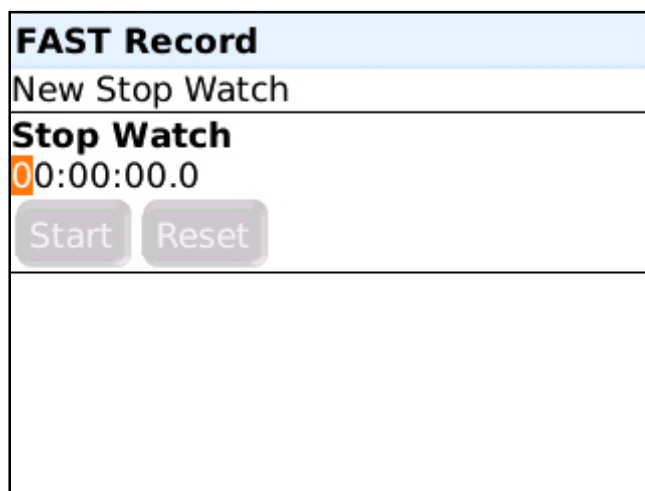
4. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

Stop Watch

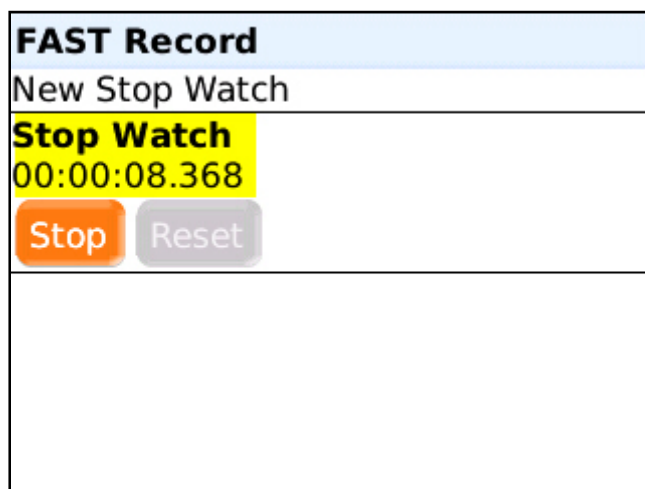
The Stop Watch component is used for capturing an exact duration of time.

To invoke the stop watch:

1. Select **Start** to initiate the clock.
2. Select **Stop** when complete.
3. (Optional) - Select **Reset** to delete the value.
4. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.



Stop Watch Component Before Being Activated




Stop Watch Component After Being Activated

Date

The Date component lets you enter a date or select the system date on your BlackBerry as an answer to a question in your survey.

To enter a date:

1. Select **Date** by placing a check mark next to it. After selected, the date text box will be activated.
2. In the date text box, change the date using the trackball or keypad.
3. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

FAST Record	
Date of Visit:	
<input type="checkbox"/> Date:	Apr 2, 2010
* Time In:-##:##	
Time Out:-##:##	
Name of store manager/ department supervisor on duty today	

Date Component Before Selection is Made

FAST Record	
Date of Visit:	
<input checked="" type="checkbox"/> Date:	<input type="text" value="Apr 2, 2010"/>
* Time In:-##:##	
Time Out:-##:##	
Name of store manager/ department supervisor on duty today	


Date Component After Selection is Made and Text Box is Activated

File

The File component can be used to attach files to a survey.

****Note:** The file must be less than 2 MB.

To attach a file:

1. (Optional) - Using the device keyboard, enter data into the **Note** text box.
2. Select **Browse** to choose a file from your device or storage card.
3. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

FAST Record
New Sample Survey
File Attachment
Attach supporting document
Note:
File:
<input type="button" value="Browse"/>
Sketch
Create a Sketch of the area
Note:

File Question with Cursor at Note Text Box


FAST Record
New Sample Survey
File Attachment
Attach supporting document
Note: supp doc1
File:
<input type="button" value="Browse"/>
Sketch
Create a Sketch of the area
Note:

Question with Cursor at Browse Button

Select the File to Attach
SDCard/
store/


Question with Selection Screen Displayed

Sketch

The Sketch component does not function on the BlackBerry device. However, if you are changing an existing record and a sketch has already been saved for the survey, you can select **Save Existing Sketch** to ensure that the sketch remains with the survey. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

FAST Record
Browse
Sketch
Create a Sketch of the area
<input checked="" type="checkbox"/> Save Existing Sketch
Note:
Photo
Attach photo of damaged area
Photo Name: VW_Bug.png
Photo Note:

Signature

The Signature component does not function on the BlackBerry device. However, if you are changing an existing record and a signature has already been saved for the survey, you can select **Save Existing Signature** to ensure that the signature remains with the survey. Once complete, proceed to the next question or end your survey by activating the menu () and making a selection.

FAST Record
Stop Watch
Measure the amount of time it takes to empty the container 00:00:00 Start Reset
Sign Here
Signature of Surveyor <input checked="" type="checkbox"/> Save Existing Signature

FAQs and Troubleshooting Tips

FAQs

1. *Where does the **Surveyor Name** appear within a survey?*
The Surveyor Name appears in the file name of a survey.

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2. *How can I incorporate an apartment or suite number with my [Address](#)?*
The purpose of an Address question is to translate a physical address into longitude and latitude numbers for mapping. If displaying addresses on a map is not important to you, create the address question using several Text components. If want to view addresses on a map, add a Text question right after your Address question which will contain the apartment or suite number.

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3. *Why is the time option for [Formatted Text](#) shown in military format?*
Military time is easier to calculate. Also, not all countries in the world think in "AM/PM", but everyone can relate to 24-hours.

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4. *What is the file extension for survey files?*
.JGJ (Published Survey)
.JAM (Survey Template)

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5. *What type of encryption is used within FAST?*
Rijndael (pronounced rain-dahl) is used in FAST. This algorithm has been selected by the U.S. National Institute of Standards and Technology as the candidate for the Advanced Encryption Standard. The Rijndael algorithm is a new generation symmetric block cipher that supports key sizes of 128, 192 and 256 bits, with data handled in 128-bit blocks.

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6. *What is the difference between templates and published surveys?*
Templates can be edited while published surveys cannot. Data can only be collected in published surveys. Templates are good for storing questions (i.e., customer name and address) that are used in more than one survey.

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7. *What does PDOP represent in the [GPS XY](#) component?*
PDOP means Percent Dilution of Position. It is a measurement of the geometrical strength of the GPS satellite configuration (the amount of error in your position). PDOP less than 4 gives the best accuracy (under 1 meter). Numbers between 4 and 8 gives acceptable accuracy while numbers greater than 8 give poor accuracy.

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8. *Can I display my own map instead of the default map?*

Yes. If you have the ESRI mapping add-on for FAST, you can build your own ArcGIS map.

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9. *What is the Total Time field?*

The Total Time field is system generated. It calculates the length of time to complete a survey from start to save. If a completed survey is edited after being saved, the Total Time field will increase reflecting the amount of time it took to make and save the changes.

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10. *Can I export to a Computer-aided Design (CAD) application?*

Yes, use the **Export Records to DXF** option in FAST Designer.

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11. *When modifying or creating a survey, can I insert a new survey component anywhere within the survey?*

Yes, drag-and-drop the component in the desired position.

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12. *When modifying or creating a survey, can I insert a published survey or survey template anywhere within the survey?*

Yes, drag-and-drop the component in the desired position.

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13. *Can I reuse survey names instead of creating entirely new names each time I want to make changes to an existing survey?*

You must remove the survey and its corresponding records from FAST Designer before reusing the survey name.

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Troubleshooting Tips for FAST

<u>FAST Task</u>	<u>Error Message</u>	<u>Solution</u>
Application Load	You are not licensed to run the application.	You are not properly licensed to run FAST. Try launching FAST again and enter a new license code.
Category	Categories cannot be named the same.	Categories cannot have the same name. You must rename the category.
Publish	This survey name is already used. Please select a different name to continue.	You cannot publish surveys under the same name. You must rename the survey before you can publish.
Re-order	There are no items to re-order.	Cannot reorder questions because there are no questions.
Survey Save (while creating a record)	There are errors with this form. Please check each tab to make sure it is filled out correctly.	Check each tab to make sure all required fields are entered. Also, make sure that all fields are correct.
Log File		
Send Log File	There was a problem connecting to the web site. Please check your internet connection or the web service url in the options dialog and try again.	<ol style="list-style-type: none"> 1. Make sure that the web service url is correct (usually https://www.fastxchange.net) in the Web Settings. 2. Make sure the computer can properly connect to the internet. 3. If you have a proxy server on your network, make sure that the proxy is properly configured in the Network Settings. 4. There is no log file to send. Depending on the operating system used, the log file can usually be found in Documents and Settings\windowsuser\Application Data\GeoAge Inc\Field Adaptable Survey Tool (FAST)\version\Fast.log. 5. If the error occurred in the current launch of the application, try restarting the application to save the log file and the try sending again.
	Invalid username or password, please try again	The username, password, or both are invalid. Try correcting it, double checking spelling and capitalization.
File and Photo Association		

Field Adapted Survey Toolkit (FAST) for the BlackBerry

File and Photo Association	Access denied to that directory.	You do not have proper permission to access the file directory. Check the directory permissions and try again.
	File does not exist.	The file has been removed.
	Files larger than 2 MB are not allowed.	Files cannot be larger than 2 MB.
	Unable to load all of the pictures. There may be too many pictures in the folder.	There are too many pictures in the file directory which causes a memory drain. Move some of the files to a different directory and try again.
	You do not have proper permission to access the file.	Check the file's permissions and try again.
	Record(s) could not be loaded.	The records are invalid and cannot be loaded.
	Access to file denied.	You do not have proper permission to access the file. Check the file permissions and try again.
	Unable to open file. There may not be a program associated with this file.	FAST cannot open the file because there isn't a program specified to open this type of file.
File Association	File type not allowed.	You specified an extension when creating the file question. The file that you're trying to load does not have one of the allowed extensions.
Survey Components		
File Component	Invalid file.	The file is invalid and cannot be loaded.
	Files larger than 2 MB are not allowed.	Files cannot be larger than 2 MB.
	File type not allowed.	You specified an extension when creating the file question. The file that you're trying to load does not have one of the allowed extensions.
	File does not exist.	The file has been removed.
GPS XY/GPS XYZ Component	No GPS devices were found.	Unable to find the GPS device. Make sure the GPS has power and is properly connected.
Single Select/Multi-Select (When adding items to the list)	This answer already exists in the list.	You can only add an answer once to the list of possible answers.
Single Select/Multi-Select (When importing a text (TXT) file)	There is not data to import.	There is no data in the file.
Single Select/Multi-Select (When importing from SQL)	Unable to get data from server. Unable to connect to the server and import the data.	Make sure your connection settings are correct.

Single Select/Multi-Select (When deleting items from the list)	There are no answers to remove.	There are no answers in the list.
Photo Component	The file selected is not an image file, please select another file.	You must select an image file to load.
	File does not exist.	The specified file has been removed.
Signature Component	You must clear the signature.	You cannot edit a signature. You must clear the signature and sign again.
Records List		
Records List	Record(s) could not be loaded.	These records are invalid and cannot be loaded.
	This question is a date and requires a valid date search value.	You must enter a valid date to search a date question.
	This question is numeric and requires a numeric search value.	You must enter a valid number to search a numeric question.
	Unable to open file. There may not be a program associated with this file.	FAST cannot open the file because there isn't a program specified to open this type of file.
	There are no records to view.	There are no records for the specified survey.
Imports and Exports		
All Exports	There are no records to export.	You must create at least one record before you can use the export function. If you previously uploaded records to the web, or exported records to an XML file for a particular survey you may get this error because the files are removed when exported/uploaded.
Import from Microsoft Access	You must select at least one column from the database to import.	To import records, you must link at least one database table column to one question.
	You must select a database table to import.	To import records, you must select a database to import records from.
	You must select at least one question to save the mapping.	To save a mapping, you must have at least one database table column linked to one question.
	You must select a database and table.	To save a mapping you must have a database and table selected.
	Error getting records from the database. The survey contains no records to import or cannot connect to the database.	Check the database connection settings. Also, make sure that the column(s) you are trying to import have data in them.

Import Record from CSV	Error getting records from the file. The file contains no records to import or the CSV is invalid.	The file may not be a valid CSV file. Also, check that the CSV file does contain data.
	You must select at least one column from the CSV file to import.	To import records, you must link at least one column with one question.
	You must select a CSV file to import.	To import records, you must select a CSV file.
	You must select at least one question to save the mapping.	You must link at least one column with one question to save the mapping.
	Unable to open CSV file.	The CSV file could not be opened. Make sure that you have sufficient permissions and that the file is not already in use.
Export Records to Merged CSV	There are no records to export for one of the surveys.	To export records, all of the surveys selected must have records.
Export Records to SQL	Unable to connect to the server. Please verify that a valid server has been specified and the user credentials are correct.	Make sure that the connection settings are correct. Double check the spelling and capitalization.
	Unable to export records to SQL. Please check that no column aliases are reserved words.	If you have column aliases, they cannot be any of the SQL reserved word. To correct this error, you must create a new survey from the published survey that you are currently using, migrate the data into the new survey, change the alias name(s), publish the new survey, and export the data again.
Export Records to Personal Geodatabase and Shapefile	You are not licensed to run this component.	You are not licensed to run ArcGIS. Make sure that the license is up to date in the ESRI Authorization Summary.
	Unable to initialize ArcGIS. Please check that ArcGIS (Desktop, Engine or Server) is installed	Make sure the ESRI software is installed is version 9.2.
	There are no spatial records in the selected survey.	You must have spatial records (records containing GPS or Address questions) in order to export the data.
Import Survey from XML	This is an invalid survey file. If you feel the survey file is valid, please contact technical support.	Unable to import the survey because the survey is invalid.

	You already have a survey with this name on your system. You must clear this problem before importing a survey with the same name.	You cannot have two surveys with the same name. You can: <ol style="list-style-type: none"> 1. remove the survey and records for the existing survey before being able to import the new survey. 2. rename the survey in the .JGJ or .JAM files (Ex: survey name="" XML element and attribute).
All Survey/Record Exports to/from PDA	ActiveSync is not installed, install ActiveSync and try again.	ActiveSync must be installed to import and/or export data from the PDA. You can download ActiveSync from www.microsoft.com .
	Unable to connect to device.	The PDA and desktop/laptop computer are not communicating. Make sure the PDA is powered on and is properly connected. The USB cord make not be securely connected. Sometimes disconnecting and reconnecting the USB cord from the mobile device may be necessary.
	No Device Connected.	The PDA and desktop/laptop computer are not communicating. Make sure the PDA is powered on and is properly connected. The USB cord make not be securely connected. Sometimes disconnecting and reconnecting the USB cord from the mobile device may be necessary.
Import Records from the PDA	There is no data to import for this survey.	There are no records on the PDA to import.
Upload/Download To/From Web (Surveys and Records)	Invalid username or password, please try again	The username, password, or both are invalid. Check the spelling and capitalization.
	You must set the Web url in Tools Options	To upload/download to/from the web you must set the Web url.
	There was a problem connecting to the web site. Please check you internet connection or the web service url in the options dialog and try again.	Make sure you are properly connected to the internet and that the web url is accurate.
	Invalid username or password, please try again.	The username, password, or both are invalid. Check the spelling and capitalization.
Download Survey from Web	You already have a survey named <u>survey name</u> . You must clear this problem before importing a survey with the same name.	You cannot have two surveys with the same name. You can: <ol style="list-style-type: none"> 1. remove the survey and records for the existing survey before being able to import the new survey.

		2. rename the survey in the .JGJ or .JAM files (Ex: survey name="" XML element and attribute).
Upload Survey to Web	Insufficient privileges.	You do not have the proper permissions to upload surveys. You must have Designer or Administrator privileges on the website to upload surveys.
	Survey already exists on server.	You cannot have two surveys with the same name. You must rename and republish the survey before trying to upload the survey.
Survey Templates		
Survey Template - Save	The survey is incomplete. A survey requires at least 1 control and all controls must be valid. Please fix this before publishing.	You must have at least one question to publish a survey. Also, there cannot be any errors in any of the questions.
	There are invalid controls. Please fix this before saving.	There are questions that are invalid. Make sure that all questions have question text and that all settings are correct.
Published and Template Surveys		
Survey (Template and Published)	File was not found.	Unable to load the survey file because the file has been deleted.
	The file specified is invalid.	Unable to load the survey because the survey file is invalid.
Mapping		
Mapping (ESRI)	A problem occurred while loading the map. Please check the options form to see if the map data path is set correctly.	FAST was unable to load the specified map. Make sure the map is properly set in the Tools Options form.
	No results found.	The address was unable to be geocoded. It may not be on the map, or it may have been entered incorrectly or not in a format recognized by the geocoding translation engine.
	No GPS devices were found.	Unable to find the GPS device. Make sure the GPS has power and is properly connected.
	The file selected is not a valid map document.	The specified map is not a valid map.
	There are no records to map for this survey.	The survey does not have any records that have spatial data.

Show Map	Unable to load mapping component.	For some reason, FAST was not able to load the ESRI or MapPoint map software. Make sure that the mapping component is installed. For the ESRI mapping component (e.g., ArcView, ArcGIS, etc.) make sure it is properly registered and is a version 9.2 or greater.
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