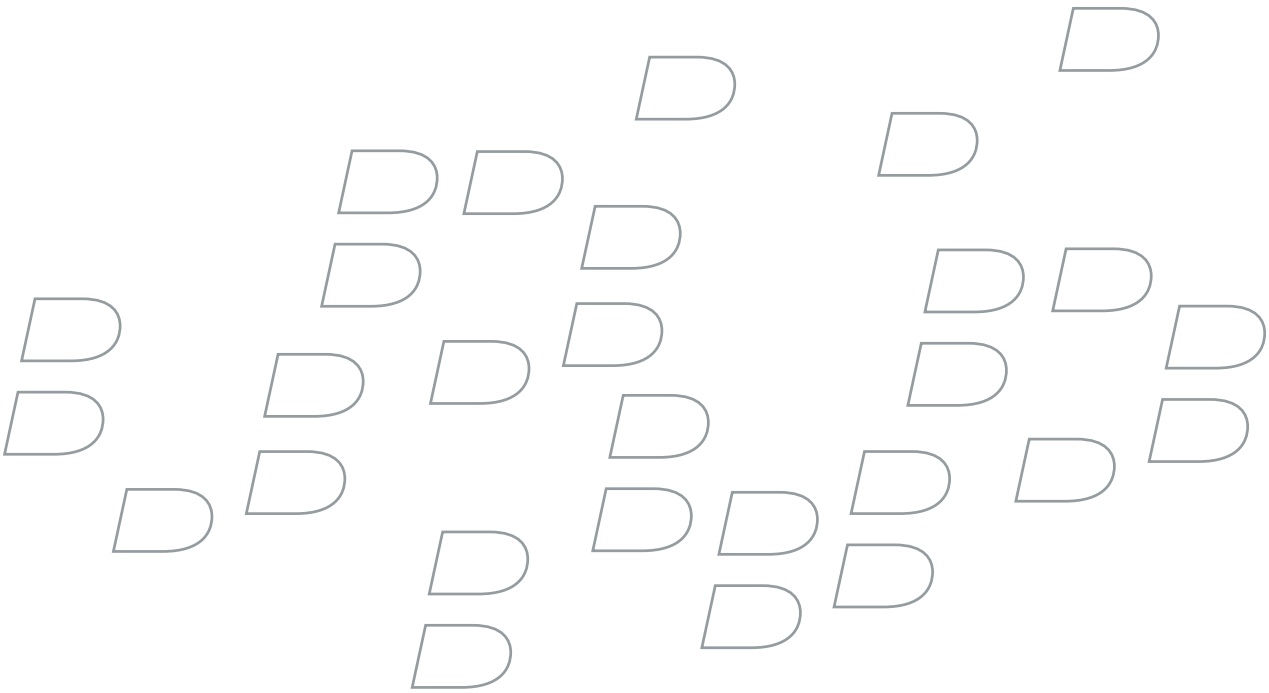

Plazmic Content Developer's Kit for BlackBerry

Version 4.2.2

Release Notes and Known Issues

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Part Number: 12602491

Functional changes

The following functionality has been changed in Plazmic Content Developer's Kit (CDK) for BlackBerry Version 4.2.2.

Product Component	Description
All	The Plazmic Content Developer's Kit for BlackBerry Version 4.2.2 requires that you have the BlackBerry Java Development Environment (JDE) Version 4.2 or later, as well the BlackBerry Email and MDS Service Simulator Package installed on your computer. **Note:** You must install the full BlackBerry JDE. Installing the BlackBerry JDE Component Package will not satisfy the software requirements. If the installer does not detect a valid version of the BlackBerry JDE, it will not install the CDK.
Plazmic Theme Builder	Improvements have been made to the Plazmic Theme Builder to enable you to create themes for a wider range of devices and multiple versions of the BlackBerry Device Software. Some key improvements include: • the availability of the Dimension Today theme as a base theme that you can customize • the ability to customize which applications are listed on the Home screen of Dimension Zen and Dimension Today themes • a new Applications Icons inspector, which contains the functionality used to customize the Application list hierarchy that was previously found in the Home Screen Inspector • the ability to replace all application icons at once • loads Plazmic Theme Builder projects from previous releases • support for BlackBerry devices running BlackBerry Device Software Version 4.2.0 and later. • support for Microsoft Windows Vista

Notes:

1. The Plazmic Content Developer's Kit supports Microsoft Windows Vista Enterprise version. It has not been verified for other versions of Windows Vista.
2. Themes create in Plazmic Theme Builder Version 4.2.2 are not backwards compatible. You cannot open themes create using Plazmic Theme Builder Version 4.2.2 in earlier version of Plazmic Theme Builder.

Known issues

This section lists known issues for Plazmic Content Developer's Kit (CDK) for BlackBerry Version 4.2.2.

Plazmic Theme Builder issues	
SDR 133303, SDR 126413	For themes targeting BlackBerry Device Software Version 4.2.2, the Plazmic Theme Builder does not correctly export folders if there is a space in the folder name. As a result, subfolders may not be correctly nested on the BlackBerry device. **Impact:** When you create and nest subfolders in the application hierarchy and then target that theme for BlackBerry Device Software Version 4.2.2 upon export, folders that have spaces in the names are not correctly nested. The folder is instead placed on the Home screen. Folders without spaces in the names are nested as expected. **Workaround:** Avoid adding spaces to the names of folders.
SDR 102424	If you have multiple versions of Plazmic Theme Builder installed (that is, multiple CDK installations), double-clicking a .thm file may not open the intended version of Plazmic Theme Builder. The version that is launched will always be the most recently installed version of Plazmic Theme Builder. **Impact:** If there are multiple CDK installations present on your machine, the most recent installation will be the version opened when .thm files are double-clicked. **Workaround:** To open a theme projects in a particular version of Plazmic Theme Builder, open the correct version of the Plazmic Theme Builder prior to double-clicking the theme project file.
SDR 115817	Plazmic Theme Builder does not properly export a theme project to an export path in which there are any international characters. **Impact:** If any folder in the export path contains international characters, Plazmic Theme Builder cannot export the theme project. **Workaround:** Ensure that the export path does not contain any international characters.
SDR 73143	Items in the catalog may appear as black boxes. **Impact:** When running the Plazmic Theme Builder on a 16-bit color display, catalog items will appear as black boxes. **Workaround:** Use a 32-bit color display.

Plazmic Theme Builder issues	
SDR 72351	Sample catalog items are not displayed in Plazmic Theme Builder when the CDK is not installed in the default directory. **Impact:** Plazmic Theme Builder samples are not accessible from the catalog. Samples are still installed with the software however and can be accessed by browsing to their location on your hard drive. **Workaround:** Install the CDK in the default directory.
SDR 67849	When exporting files, the Plazmic Theme Builder takes all special characters in the file name (-, +, &, etc.) and translates them as an underscore (_) when creating the cod file. Consequently, if two theme files have the same name differentiated only by the special characters used, then they will have identical names when exported to a cod file. **Impact:** If you checked the Overwrite Existing Files check box in the Export dialog box, you will not be warned if Plazmic Theme Builder overwrites a file that exports to the same name as another file in the same directory, even if the Windows file names for those two themes are unique. **Workaround:** Name themes such that they are unique, beyond a difference in the special characters used.
SDR 53106	The date separator in the messages list does not adjust to fit the height of the text on the BlackBerry device. **Impact:** Because the date separator is fixed to the row height in the messages list, very large text may be cut off, and small text may be poorly aligned. **Workaround:** Minimize the size difference between List font (specified in the Controls Inspector) and the Date font (selected in the Messages Inspector).
SDR 71448	Dragging and dropping of resources does not work as expected when the CDK has been installed in a directory other than the default. **Impact:** If you install the CDK in a directory other than the default, then try to a drag resource from the Inspector to the catalog or to another location in the Inspector, the resource will not be applied. **Workaround:** Install the CDK in the default directory.
SDR 131833	When large images are used for the up and down navigation arrows in a theme, they may not be displayed on BlackBerry device as expected. **Impact:** If the images used for the up and down navigation arrows are considerably larger than the default image size for those elements, the BlackBerry device does not properly adjust the scroll bar properties to accommodate the large image size. As a result, when the theme is activated on a BlackBerry device, only one image is displayed in a scroll bar. **Workaround:** Avoid using large images for navigation arrows.
SDR 130743, SDR 128147	When the banner is resized, the remainder of the screen is not rescaled to accommodate it. **Impact:** The background of the Home Screen and any application that displays the banner (such as the messages list and call log, for example) are not rescaled when the banner size is increased, and my in fact obscure part of the banner. **Workaround:** None.
SDR 128182	The default folder and default up folder icons are only supported on BlackBerry devices running BlackBerry Device Software Version 4.2.2 or later. **Impact:** If you create a theme in which you specify custom default folder and default subfolder icons, and export that theme to BlackBerry device running a version of the BlackBerry Device Software that is earlier than Version 4.2.2, the icons you specify will not appear as expected on the BlackBerry device. Instead, the Default Application icon is used. **Workaround:** None.
SDR 126725	The Plazmic Theme Builder may not correctly render the image tile settings of the menu background in the preview pane. **Impact:** If you tile the background image in the Menu section of the Controls Inspector, the borders may not be displayed as intended in the Plazmic Theme Builder preview pane. In particular, the borders adjacent to the edges of the device display are not displayed. However, when the theme is exported and activated on a BlackBerry device, the border settings are correctly rendered. **Workaround:** None.
SDR 126721	The Incoming Call screen may not correctly display the background image if that image has been tiled. **Impact:** In BlackBerry Device Software Version 4.2.2, tiling of the Incoming Call screen is not supported; the image is expected to be a full screen image. If you define borders for the Incoming Call screen background image, when that theme is activated on a BlackBerry device running BlackBerry Device Software Version 4.2.2, the portions of the image comprising the borders are not displayed; only the central tiled portion of the image is rendered. BlackBerry Device Software Version 4.2.0 and 4.2.1 still support the border definitions for this image. **Workaround:** Do not tile the Incoming Call screen background image for themes that are targeted to devices running BlackBerry Device Software Version 4.2.2. If the target version of the BlackBerry Device Software is unknown, you should avoid tiling the image.

BlackBerry device issues affecting CDK	
SDR 126564, SDR 126408	The Home screen font is not always rendered as expected on the device. Specifically, if you change the color of BlackBerry device system fonts for the Home screen, the new color is not always rendered. Instead, the font is displayed in its default color. **Impact:** If you customize the Home screen font, it may not appear as intended on the BlackBerry device. **Workaround:** If you intend to change the color of a Home screen font, choose a True Type or XFont font face instead of using a BlackBerry device system font.
SDR 133935	The application hierarchy you specify in Plazmic Theme Builder is not always reflected on the BlackBerry device. **Impact:** If you place the BlackBerry Maps application into a subfolder, then export the theme targeting BlackBerry Device Software Version 4.2.0, and load it onto a BlackBerry device running BlackBerry Device Software Version 4.2.1, the BlackBerry Maps application is not placed in the intended subfolder as expected. Instead, it is placed in the Root folder. **Workaround:** Themes should only be added to BlackBerry devices running the targeted version of the BlackBerry Device Software.
SDR 133289	If you create a theme based on the Dimension Zen theme for a BlackBerry 8700 device, the application icons on the Home screen may erroneously be right-justified. **Impact:** If you create a theme based on the Dimension Zen theme, but do not customize any of the default Home screen settings, the icons on the Home screen will appear right-justified. If you customize any setting on the Home screen, the icons will be left-justified as intended. **Workaround:** Customize at least one feature in the Home Screen Inspector to ensure the application icons are correctly justified on the Home screen.
SDR 131891	If users have third-party applications on their device, a theme created using Plazmic Theme Builder cannot overwrite their positions in the application hierarchy on the Home screen when that theme activated. **Impact.** If you create a theme based on the Dimension Zen theme and specify the applications to be displayed in the list that appears on the Home screen, the applications you specify may not appear on the Home screen on a user's BlackBerry device as expected if the user has third-party applications on the device. **Workaround:** None.
SDR 130286	BlackBerry users with devices running BlackBerry Device Software Version 4.2.0 are erroneously permitted to add to their devices themes that were targeted for BlackBerry Device Software Version 4.2.1 or later. **Impact:** Although themes that target a later release of the BlackBerry Device Software cannot be activated on the device, their presence can cause problems for the Theme Reader. As a result, the device may omit valid themes from the Theme list (accessed via **Options** > **Themes** on the device). **Workaround:** Remove the invalid themes by going to **Options** > **Advanced** > **Applications** on the device and deleting them, then reset the device to restore valid themes to the theme list. To identify which themes are invalid, themes created using Plazmic Theme Builder are listed with the target version of the BlackBerry Device Software.
SDR 129970	If you select the SMS messages, MMS messages, or SMS and MMS messages as one of the applications on the Home screen of a Dimension Today-based theme, the application may not be correctly displayed on the BlackBerry device and cannot be accessed by the user. **Impact:** If you select the SMS messages, MMS messages, or SMS and MMS messages as one of the applications on the Home screen of a Dimension Today-based theme, but you have not specified separate inboxes for email and SMS messages, the icon will not be displayed on the Home screen. **Workaround:** For BlackBerry devices running BlackBerry Device Software Version 4.2.0, avoid adding the SMS messages, MMS messages, or SMS and MMS messages applications to the list of Home screen applications. For BlackBerry devices running BlackBerry Device Software Version 4.2.1 or later, users can separate the email and SMS inboxes. On the device, perform the following: 1. In the Messages application menu, click **Options** > **General Options**. 2. Set the SMS and Email Inboxes option to **Separate**.
SDR 128138	On the BlackBerry device, when scrolling through a menu in which the highlight font and the normal font are different sizes, the menu may not render correctly. **Impact:** If you create a theme in which the font size for normal menu items and highlighted menu items are substantially different, when the theme is activated on a BlackBerry device, the device does not correctly render the menu text as you scroll up and down the menu. Traces of text appear as you scroll up and down the menu. **Workaround:** Avoid creating themes in which the difference in font size between normal text and highlighted text is substantial.
SDR 127922	Users can load but cannot activate a Dimension Today-based theme on BlackBerry 7130e Wireless Handheld running BlackBerry Device Software Version 4.2.1. This issue occurs because this combination of device and software does not support the Today theme. **Impact:** If you create a Dimension Today-based theme in the Plazmic Theme Builder, it cannot be activated on a BlackBerry 7130e running BlackBerry Device Software Version 4.2.1. **Workaround:** None.

BlackBerry device issues affecting CDK	
SDR 95946	If you customize the Normal background of a dialog box button in Plazmic Theme Builder and set a image tile definition that defines top and bottom borders that are of a different width than the highlight button, Theme Reader may not correctly render the highlight button on the user's device. **Impact:** The highlight button is erroneously being affected by the border definition of the Normal button. **Workaround:** Keep the border thickness of the Normal and Highlight buttons within 2 pixels of each other.
SDR 96851	On the device, the incoming call text does not render on a transparent image. **Impact:** On the device, the incoming call text does not render on a transparent image. **Workaround:** Do not use images with transparency for the Incoming Call background.
SDR 96016 **SDR 96053**	On the BlackBerry device, dialog boxes and menus with backgrounds that have transparency may render incorrectly. **Impact:** If you create dialog boxes and menus using pattern tiles in which the tiled background portion of the image contains transparency, those controls may not render as expected on BlackBerry devices running BlackBerry Device Software Version 4.2.0. **Workaround:** Avoid creating tile definitions for dialog box and menu controls using pattern tiles in which the background portion of the tile has transparency, particularly if you are exporting to BlackBerry Device Software Version 4.2.0.

BlackBerry Device Simulator issues affecting CDK	
SDR 113343	The BlackBerry Device Simulator is unable to compile and display SVG files with international characters in the file name. **Impact:** The BlackBerry Device Simulator is unable to display the SVG file. **Workaround:** Rename the file so that it no longer contains international characters.
SDR 103692	Dragging and dropping an SVG file onto an open BlackBerry Device Simulator does not always load the content in the simulator. If you are using BlackBerry Device Simulator Version 4.2.0 and have previously opened it to view SVG or PME content, then closed the simulator's browser and returned to the Home screen, dragging and dropping content onto the simulator will not load the content as expected. **Impact:** Dragging and dropping content onto the simulator does not always load the content. This issue only applies when using BlackBerry Device Simulator Version 4.2.0. **Workaround:** Upgrade to BlackBerry Device Simulator Version 4.2.1 or later.

Plazmic Composer issues	
SDR 107103	Plazmic Composer does not correctly indicate when transparency cannot be performed. **Impact:** In Plazmic Composer, transparency can be modified for most objects. However, when you apply a Web-Safe color to an object, transparency is no longer meaningful, since there is no alpha channel (the channel used to define transparency) for Web Safe colors. Plazmic Composer does not disable the Alpha channel slider in the UI, which could mislead users into thinking transparency is still modifiable. **Workaround:** None.
SDR 110641	In some cases, Plazmic Composer incorrectly interpolates text animation. **Impact:** If you animate multiple properties (for example, fill and position), and the changes in one property are minimal over the course of the animation (for example, changing the fill value from a red to a slightly darker red over 200 frames), Plazmic Composer might incorrectly interpolate the tweening animation for the other property, resulting in a loss of smoothness. **Workaround:** Avoid very subtle changes in a property value over a long period of time, or add additional key frames to other properties.
SDR 113562	Text area objects do no animate properly. **Impact:** When attempting to animate text area objects, they do not behave as expected in the BlackBerry Device Simulator or on the device. **Workaround:** None.
SDR 114858	When resizing an object with a large stroke width, the object does not appear as expected in the BlackBerry Device Simulator or on the BlackBerry device. **Impact:** Because Plazmic Composer does not scale the stroke width when objects are resized, but the rendering component on the BlackBerry device does, a resized object does not have the same stroke width on the Plazmic Composer and BlackBerry Device. In most cases, where the stroke width is not unusually large, this difference is not normally noticeable. However, in those cases where the stroke width is very large, the difference in the results can be quite pronounced. **Workaround:** None.

Plazmic Composer issues	
SDR 105392, SDR 113181	Buttons in PME content do not always follow the focus order specified in Plazmic Composer when viewed in the BlackBerry Device Simulator or on a BlackBerry device. The BlackBerry Device Software is unable to correctly replicate the focus order for buttons when the order differs from the order in which the objects are rendered. **Impact:** If you change the focus order of buttons, that order may not be respected by the BlackBerry Device Software. **Workaround:** In Plazmic Composer, create buttons in the order in which you want them to have focus, or reorder the buttons in the Objects panel of the Plazmic Composer, instead of using the Focus Order item on the Interactivity menu to adjust the focus order.
SDR 101004	The PME Control panel that allows you to control the playback of PME content in the BlackBerry Device Simulator is not hidden as intended when the simulator is hidden. **Impact:** When using BlackBerry Device Simulator Version 4.2.0, the PME Control Panel is visible when it should be hidden. **Workaround:** None.
SDR 17146, SDR 19457, SDR 10645	Shortcut key commands might not work in some situations. **Impact:** This problem impacts the following areas: • If you select an object in the Objects panel, the following key commands might not work: CTRL+an ARROW key, SHIFT+an ARROW key, and CTRL+SHIFT+an ARROW key. • The undo shortcut (CTRL+Z) does not work immediately after using menu commands like the Layer Merge commands. • Sometimes the animation shortcut keys do not work. When the mouse focus is over a button on the Animation panel, the following key commands do not work: ALT+PAGE UP, ALT+PAGE DOWN, CTRL+PAGE UP, and CTRL+PAGE DOWN. **Workaround:** Use the mouse to reset the focus. Before typing the key command, click the area (for example, the canvas area or the animation timeline). Then, try to use the key commands.
–	When inserting and deleting frames or resizing the length of an animation, timeline interactivity items are not affected; they remain at their original frame numbers. **Impact:** If you decrease the length of an animation, timeline interactivity items remain at the original frame numbers. If you remove frames, timeline interactivity items remain when the keys in the same frames were removed. **Workaround:** Click the Timeline Action button. Complete one of the following steps: • In the At Frame field, change the frame number to a frame number that is part of the animation timeline. • Delete or change the timeline interactivity.

SVG Transcoding Utility Issues	
SDR 39022	The SVG Transcoding Utility may not follow the encoding processing instruction in the XML declaration as expected. **Impact:** If you have specified a particular encoding in your SVG, the SVG Transcoding Utility may ignore the encoding attribute and output content in the default encoding (UTF-8). **Workaround:** None.

SVG Content issues	

–	When creating links using the `<a>` element, if the element contains children with visibility attributes, the link might be disabled. For example, if a visible child of the `<a>` element contains the attribute `visibility="hidden"`, the link might be disabled.
	`<a xlink:href="SCDS024-backSVG.svg" visibility="visible">`
	`  <text stroke="red" fill="red" font-size="30" x="10" y="60"  visibility="hidden">`
	`  SVG`
	`  </text>`
	`</a>`
	In the previous example, the SVG renders as follows:
	• visibility of the a element is ignored because the children specify their own visibility
	• visibility of the `<text>` element is retained (hidden)
	• link is disabled
	Impact: Links with invisible children might not work as intended.
	Workaround: Create a visual and visible child for the `<a>` element.

Installer/Uninstaller issues	
SDR 72584	CDK-related file extensions are not always being correctly associated with CDK applications. **Impact:** Double-clicking a file in Windows Explorer does not open the file in the correct application. For example, if you double-click a .cp (Plazmic Composer) file, it is not loaded in the Plazmic Composer. **Workaround:** Open files from within the CDK application, or alternatively, right-click a CDK file, select **Open With**, and then choose the appropriate application.