MadCap Software

QR Codes Guide

Flare 10

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CHAPTER 1

Introduction

This feature is supported in all outputs.

You can insert a quick response (QR) code into a content file (e.g., topic, snippet) using the XML Editor. A QR code is a type of barcode that can be read by devices such as smart phones. The data encoded in the QR code can be text, a website URL, an email address, contact information, or SMS (Short Message Service, which is used for sending text messages). Basically, QR codes are a way to bridge the gap between a static print document and searchable, more detailed online information at your fingertips.

There are many different kinds of QR code readers on the market. If you have a mobile device that supports QR code readers, you can install an app and use it to read these types of codes.

E X A M P L E

Here is an example of a QR code:

If you have a QR code reader on your cell phone, you can scan this QR code and the MadCap Software website will open on your screen.

Uses for QR Codes

Following are some possible uses for QR codes.

- You create a PDF manual that includes links directing users to your company's website. But you want users to be able to quickly open those links without having to type in the entire URL. So instead of regular hyperlinks, in your PDF you use QR codes.
- You create a quick start guide and are limited to a couple pages. At the bottom of each page, step, or procedure, there is a QR code that people can use to access more detailed information on that topic.
- You publish your entire Help system on a website. You have users who need access to that information when they are "out in the field." So they scan a QR code that opens the URL where your Help system is published.
- You have a procedures manual with QR codes that, when scanned, open movies showing the procedures in action.
- You have a QR code at the bottom of a document takes users straight to a website where they can purchase a particular part or product.

Steps for Using QR Codes

Following are the primary steps for using QR codes.

1. **Insert** You can insert a QR code in much the same way you insert an image. See "Inserting QR Codes" on page 9.
2. **Edit** You can edit an existing QR code in many ways, such as changing its content, look, and position. See "Editing QR Codes" on page 13.

CHAPTER 2

Inserting QR Codes

You can insert a QR code in much the same way you insert an image into a content file (e.g., topic, snippet) .

HOW TO INSERT A QR CODE

1. Open the content file (e.g., topic, snippet).
2. In the XML Editor place your cursor where you want to insert the QR code.
3. Do one of the following, depending on the part of the user interface you are using:
   - **Ribbon** Select the **Insert** ribbon. In the **Multimedia** section select **QR Code**.

     You can use the Options dialog to switch between ribbons and the classic tool strip layout. For more information see the online Help.

     Keep in mind that the smaller the application window becomes, the more the options in a ribbon shrink. Therefore, you might only see a small icon instead of text, or you might see only a section name displayed with a down arrow to access the options in it. You can hover over small icons to see tooltips that describe them. You can also enlarge the application window or click one of the section drop-downs in the ribbon to locate a hidden feature.
   - **Menu** Select **Insert>QR Code**.
   - **Keyboard Shortcut** Press **CTRL+Q**.

   The Insert QR Code dialog opens.
4. Select the **General** tab.

5. From the **Content type** field, select one of the following options.

TEXT

Select this if you want a simple text message to display on the end user's screen. After selecting this option, complete the following.

- **Content** Type the short text message that you want users to see after they scan the QR code.

URL

Select this if you want a web page to open in the end user's browser. After selecting this option, complete the following.

- **Content** Type the website path (e.g., http://mycompany.com).

EMAIL ADDRESS

Select this if you want a particular email address to display on the end user's screen. The end user might then copy the address to the clipboard and paste it into an email. After selecting this option, complete the following.

- **Content** Type the email address after the text "mailto:" (e.g., mailto:technicalsupport@mycompany.com).

CONTACT INFORMATION

Select this if you want contact information for an individual to display on the end user's screen. The end user might then create a new contact based on that information. After selecting this option, complete the following.

- **Name** Type the full name of the individual.
- **Company** Type the company name.
- **Phone number** Type the phone number.
- **Email** Type the email address for the individual.
- **Address** Type the physical address.
- **Website** Type the website (e.g., http://mycompany.com).
- **Memo** Type any other relevant information.

SMS

Select this if you want to create an SMS (Short Message Service) message. After scanning the QR code, the end user will be able to quickly send a text message to the specified phone number. After selecting this option, complete the following.

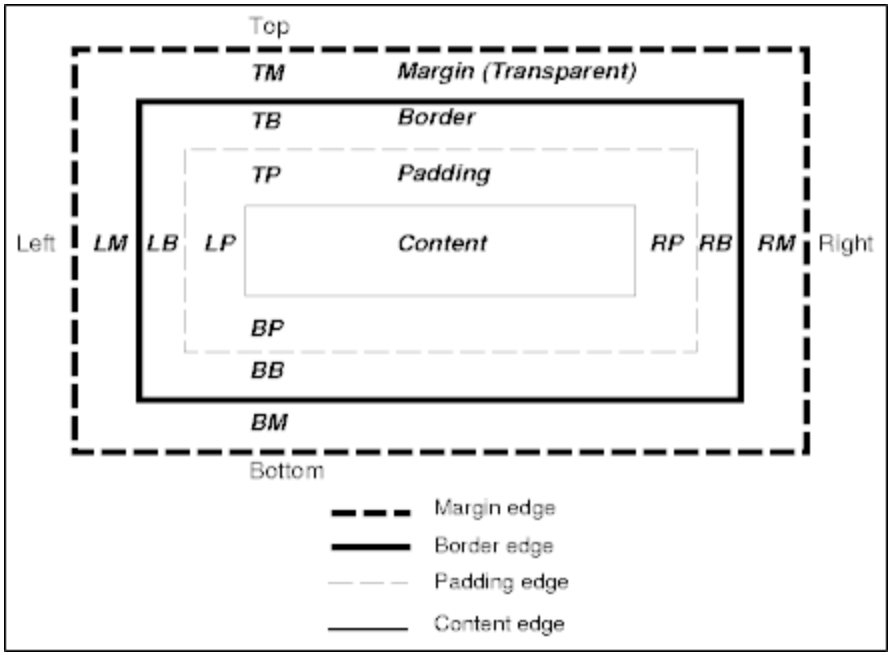
- **Phone number** Type the phone number where the text message is to be sent.
- **Message** Type the text message.

6. (Optional) Click in the **Size** field. Select one of the basic sizes for the QR code. If you select (default), the code will be the size specified in the <MadCap|qrCode> style in your stylesheet. If you want to use a different size, you can set the max-height or max-width value for the <MadCap|qrCode> style tag.
7. (Optional) If you want to apply a specific style class to the QR code, you can select it from the **Style Class** field.

> **E X A M P L E**
>
> Let's say that you have created in your stylesheet a class of the <MadCap|qrCode> tag called "RedBorder" (i.e., MadCap|qrCode.RedBorder) and you have set a red border on that style class. So if you want a QR code to have a red border, you can use that style class when inserting the QR code. If you do not want the QR code to have a red border, you can simply use the default parent <MadCap|qrCode> tag instead.

8. (Optional) In the **Screen Tip** field you can type a phrase that will appear when the end user hovers over the QR code.
9. (Optional) In the **Alternate Text** field you can type alternate text to display when the QR code is not available, such as when a disabled individual is using a screen reader.For more information see the online Help.

10. (Optional) Use any of the other tabs to provide additional settings for the QR code.
    - **Position tab** You can use this tab to adjust the positioning of the QR code on the page. This includes the ability to wrap text around a QR code or float a QR code outside the frame holding the regular flow of text.
    - **Borders & Margins tab** You can use this tab to set borders, margins, or padding for the QR code.



    - **Background tab** You can use this tab to add background settings for the QR code. This includes the ability to specify a color, image, and a repeating pattern for the background image. Normally you would not see a QR code's background, but if you give the QR code a certain amount of padding, you would see the background around the edges of it.
11. Click **OK**. The QR code is inserted.
12. Click to save your work.

CHAPTER 3

Editing QR Codes

You can edit an existing QR code in many ways, such as changing its content, look, and position.

This can be done through styles or by using local formatting. Using styles is usually recommended because the setting is automatically applied to any content using that style throughout the project, whereas local formatting affects only the particular content that you are working on.

HOW TO EDIT THE LOOK OF QR CODES USING A STYLE

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
3. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
4. Select the **MadCap|qrCode** style.
5. Use the properties section on the right side of the editor to apply settings for the style.
   - **Background** See "Adding Backgrounds to QR Codes" on page 17.
   - **Border** See "Adding Borders to QR Codes" on page 19.
   - **Margins** See "Adding Margins to QR Codes" on page 22.
   - **Padding** See "Adding Padding to QR Codes" on page 24.
   - **Size** See "Resizing QR Codes" on page 28.
6. Click to save your work.

HOW TO EDIT THE CONTENT AND LOOK OF A QR CODE USING LOCAL FORMATTING

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code and from the menu, select **Edit QR Code**. The Edit QR Code dialog opens.
3. Select the **General** tab.
4. From the **Content type** field, select one of the following options.

   TEXT

   Select this if you want a simple text message to display on the end user's screen. After selecting this option, complete the following.

   - **Content** Type the short text message that you want users to see after they scan the QR code.

   URL

   Select this if you want a web page to open in the end user's browser. After selecting this option, complete the following.

   - **Content** Type the website path (e.g., http://mycompany.com).

   EMAIL ADDRESS

   Select this if you want a particular email address to display on the end user's screen. The end user might then copy the address to the clipboard and paste it into an email. After selecting this option, complete the following.

   - **Content** Type the email address after the text "mailto:" (e.g., mailto:technicalsupport@mycompany.com).

   CONTACT INFORMATION

   Select this if you want contact information for an individual to display on the end user's screen. The end user might then create a new contact based on that information. After selecting this option, complete the following.

   - **Name** Type the full name of the individual.
   - **Company** Type the company name.
   - **Phone number** Type the phone number.
   - **Email** Type the email address for the individual.
   - **Address** Type the physical address.
   - **Website** Type the website (e.g., http://mycompany.com).
   - **Memo** Type any other relevant information.

SMS

Select this if you want to create an SMS (Short Message Service) message. After scanning the QR code, the end user will be able to quickly send a text message to the specified phone number. After selecting this option, complete the following.

- **Phone number** Type the phone number where the text message is to be sent.
- **Message** Type the text message.

5. (Optional) Click in the **Size** field. Select one of the basic sizes for the QR code. If you select (default), the code will be the size specified in the <MadCap|qrCode> style in your stylesheet. If you want to use a different size, you can set the max-height or max-width value for the <MadCap|qrCode> style tag.
6. (Optional) If you want to apply a specific style class to the QR code, you can select it from the **Style Class** field.

> **E X A M P L E**
>
> Let's say that you have created in your stylesheet a class of the <MadCap|qrCode> tag called "RedBorder" (i.e., MadCap|qrCode.RedBorder) and you have set a red border on that style class. So if you want a QR code to have a red border, you can use that style class when inserting the QR code. If you do not want the QR code to have a red border, you can simply use the default parent <MadCap|qrCode> tag instead.

7. (Optional) In the **Screen Tip** field you can type a phrase that will appear when the end user hovers over the QR code.
8. (Optional) In the **Alternate Text** field you can type alternate text to display when the QR code is not available, such as when a disabled individual is using a screen reader.

   For more information see the online Help.
9. Use the other tabs in the dialog to set any of the following.
   - **Background** See "Adding Backgrounds to QR Codes" on the following page.
   - **Border** See "Adding Borders to QR Codes" on page 19.
   - **Margins** See "Adding Margins to QR Codes" on page 22.
   - **Padding** See "Adding Padding to QR Codes" on page 24.
   - **Position** See "Positioning QR Codes" on page 26.
10. Click **OK**.
11. Click to save your work.

Adding Backgrounds to QR Codes

You can add background settings to a QR code. This includes the ability to specify a color, image, and a repeating pattern for the background image. Normally you would not see a QR code's background, but if you give the QR code a certain amount of padding, you would see the background around the edges of it.

This can be done through styles or by using local formatting. Using styles is usually recommended because the setting is automatically applied to any content using that style throughout the project, whereas local formatting affects only the particular content that you are working on.

HOW TO ADD A BACKGROUND TO QR CODES USING A STYLE

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
3. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
4. Select the **MadCap|qrCode** style.
5. From the **Show** drop-down list on the upper-right side of the editor, select Show: Property Groups.
6. In the **Properties** section, expand the **Background** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.
7. Locate the background property that you want to change, depending on what you are trying to accomplish.

   SET A COLOR FOR THE BACKGROUND

   - To the right of **background-color**, click the down arrow and select a color from the popup. For advanced color options, select **More Colors** and use the fields in the Color Picker dialog.

   ADD AN IMAGE TO THE BACKGROUND

   a. To the right of **background-image**, click and select an image already contained in your project.

   b. If you want the background image to repeat, click in the cell to the right of **background-repeat** and select one of the options (definitions from **http://www.w3.org**).

      - **no-repeat** The image is not repeated: only one copy of the image is drawn.
      - **repeat** The image is repeated both horizontally and vertically.
      - **repeat-x** The image is repeated horizontally only.
      - **repeat-y** The image is repeated vertically only.
8. Click to save your work.

HOW TO ADD A BACKGROUND TO A QR CODE USING LOCAL FORMATTING

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **Background** tab.
5. Use the tab to specify the settings that you want for the background.

   SET A COLOR FOR THE BACKGROUND

   - In the **Color** field, click the down arrow and select a color from the popup. For advanced color options, select **More Colors** and use the fields in the Color Picker dialog.

   ADD AN IMAGE TO THE BACKGROUND

   a. Next to the **Image** field, click the **Browse** button.

      The Insert Image dialog opens.

   b. Select an image file to insert. You can do this in one of the following ways.

      - Select an image already in the project by finding and selecting it in the built-in tree.

        OR

      - Click ... to find and select an image file outside of the project.

      Note: If you want to select an image file that you recently inserted somewhere in your project, click the down arrow in the field next to the Browse button and select the file from the list.

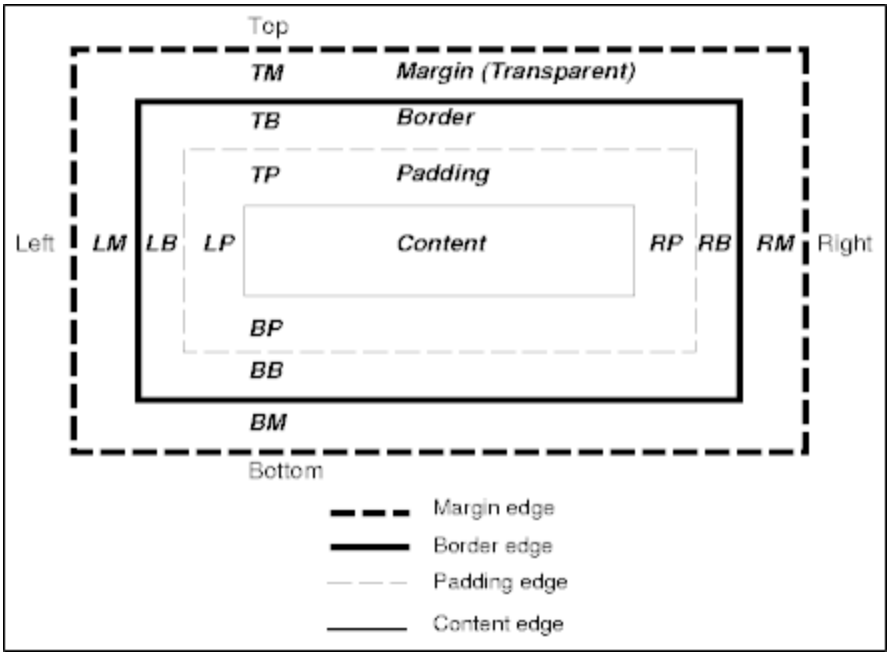
   c. If you want the background image to repeat, select one of the options from the **Repeat** field. You can also set the image position horizontally and vertically by using the **X** and **Y** fields.

   d. Click **OK**.

6. In the other dialog, click **OK**.
7. Click to save your work.

Adding Borders to QR Codes

You can add borders around a QR code, specifying the border size, color, and type.



This can be done through styles or by using local formatting. Using styles is usually recommended because the setting is automatically applied to any content using that style throughout the project, whereas local formatting affects only the particular content that you are working on.

HOW TO ADD A BORDER TO QR CODES USING A STYLE

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
3. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
4. Select the **MadCap|qrCode** style.
5. From the **Show** drop-down list on the upper-right side of the editor, select Show: Property Groups.
6. In the **Properties** section, expand the **Border** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.
7. Locate the border property that you want to change. Each side (bottom, left, right, top) has separate properties that you can set for the color, style, and width (e.g., border-bottom-style). You can set these properties individually, or you can set the main property for each side (e.g., border-bottom), which lets you specify the color, style, and width in one place. Even better, if you plan to have the same settings for all four sides, you can simply use the **border** property to set the color, style, and width all the way around.

   When you click in the cell to the right of one of the broad properties (e.g., border, border-bottom), a small popup displays.

   a. Use the lower-left area of the popup to enter a number for the border thickness.
   b. Use the lower-middle area to select a unit of measurement (e.g., point, pixel, centimeter) for the number you entered.
   c. Use the upper-right area to select a color for the border.
   d. Use the lower-right area to select a line type (e.g., solid, double, dashed) for the border.
   e. Click **OK**.
8. Click to save your work.

HOW TO ADD A BORDER TO A QR CODE USING LOCAL FORMATTING

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **Borders & Margins** tab.
5. Set the options in the **Borders** section.
   a. Click in any of the individual fields (**Left**, **Right**, **Top**, **Bottom**) to specify the settings for the border. If you click the down arrow to the right of all the fields, the settings will be applied to all of the border fields.

      When you click that down arrow or in one of the individual fields, a small popup displays.

   b. Use the lower-left area of the popup to enter a number for the border thickness.
   c. Use the lower-middle area to select a unit of measurement (e.g., point, pixel, centimeter) for the number you entered.
   d. Use the upper-right area to select a color for the border.
   e. Use the lower-right area to select a line type (e.g., solid, double, dashed) for the border.
   f. Click **OK**.
6. In the dialog, click **OK**.
7. Click to save your work.

Adding Margins to QR Codes

You can adjust the margins around a QR code so that there is extra space above, below, to the right, or to the left of it.

This can be done through styles or by using local formatting. Using styles is usually recommended because the setting is automatically applied to any content using that style throughout the project, whereas local formatting affects only the particular content that you are working on.

HOW TO ADD MARGINS TO QR CODES USING A STYLE

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
3. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
4. Select the **MadCap|qrCode** style.
5. From the **Show** drop-down list on the upper-right side of the editor, select Show: Property Groups.
6. In the **Properties** section, expand the **Box** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.
7. Locate the margin property that you want to change. Each side (bottom, left, right, top) has separate properties that you can set (e.g., margin-top). If you plan to have the same settings for all four sides, you can simply use the **margin** property.
8. Click to save your work.

HOW TO ADD MARGINS TO QR CODES USING LOCAL FORMATTING

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **Borders & Margins** tab.
5. Set the options in the **Margin** section. Click in any of the individual fields (**Left**, **Right**, **Top**, **Bottom**) to specify the settings for the margins around the object. If you click the down arrow to the right of all the fields, the settings will be applied to all of the margin fields.
6. Click **OK**.
7. Click to save your work.

Note: Different browsers may treat margin and padding settings differently. For example, Internet Explorer 8 and Firefox honor padding settings more than they honor margin settings. If you were to set a left margin at, say, 1 inch, Internet Explorer 7 would show it that way. However, in order to get the same results in Internet Explorer 8 or Firefox, you would also need to set the left padding at 1 inch.

Adding Padding to QR Codes

You can add padding (i.e., extra space) between a QR code's border and the QR code itself.

This can be done through styles or by using local formatting. Using styles is usually recommended because the setting is automatically applied to any content using that style throughout the project, whereas local formatting affects only the particular content that you are working on.

HOW TO ADD PADDING TO QR CODES USING A STYLE

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
3. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
4. Select the **MadCap|qrCode** style.
5. From the **Show** drop-down list on the upper-right side of the editor, select Show: Property Groups.
6. In the **Properties** section, expand the **Box** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.
7. Locate the padding property that you want to change. Each side (bottom, left, right, top) has separate properties that you can set (e.g., padding-top). If you plan to have the same settings for all four sides, you can simply use the **padding** property.
8. Click to save your work.

HOW TO ADD PADDING TO QR CODES USING LOCAL FORMATTING

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **Borders & Margins** tab.
5. Set the options in the **Padding** section. Click in any of the individual fields (**Left**, **Right**, **Top**, **Bottom**) to specify the settings for the padding. In the left side of the field, enter a number for the amount of padding. In the right side of the field, select a unit of measurement (e.g., point, pixel, centimeter) for the number you entered.

   If you click the down arrow to the right of all the fields, the settings will be applied to all of the padding fields. When you click that down arrow, a small popup displays.
6. Click **OK**.
7. Click to save your work.

Note: Different browsers may treat margin and padding settings differently. For example, Internet Explorer 8 and Firefox honor padding settings more than they honor margin settings. If you were to set a left margin at, say, 1 inch, Internet Explorer 7 would show it that way. However, in order to get the same results in Internet Explorer 8 or Firefox, you would also need to set the left padding at 1 inch.

Positioning QR Codes

This feature is supported in Adobe PDF, EPUB, Microsoft XPS, and XHTML, as well as in all online outputs (DotNet Help, Eclipse Help, Microsoft HTML Help, HTML5, WebHelp, WebHelp AIR, WebHelp Mobile, and WebHelp Plus).

After you insert a QR code, you can adjust its positioning on the page. This includes the ability to wrap text around a QR code or float a QR code outside the frame holding the regular flow of text.

HOW TO POSITION A QR CODE

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **Position** tab.
5. In the **Position** section, you can select a **Float** and a **Clear** setting. You can also set the **Vertical Alignment** of the image.

   FLOAT

   Use this field to specify where to place the QR code on the page.

   - **None** Does not place the QR code in a specific location.
   - **Left** Positions the QR code on the left side of the page frame, allowing you to type text to the right of the QR code.
   - **Right** Positions the QR code on the right side of the page frame, allowing you to type text to the left of the QR code.
   - **Center of Column** Positions the QR code in the center of the column on the page.
   - **Outside Left Margin** Positions the QR code beyond the left margin of the topic text.
   - **Outside Right Margin** Positions the QR code beyond the right margin of the topic text.
   - **Outside Frame** Positions the QR code outside of the page frame.
   - **Outside Frame, Top Align** Positions the QR code outside of the page frame, as well as aligning it with the top of the frame.
   - **Left of Frame** Positions the QR code to the left of the page frame.
   - **Right of Frame** Positions the QR code to the right of the page frame.
   - **Center of Frame** Positions the QR code both vertically and horizontally in the middle of the page frame.

CLEAR

Use this field to position a QR code so that it is "clear" of an adjacent QR code. For example, let's say you have already inserted a QR code and applied the float left property to it. If you then insert another QR code immediately after the first QR code, you want to make sure that the second QR code doesn't rest next to the first QR code. Instead, you want the second QR code to be placed completely below the first QR code. Therefore, you can apply a clear property to the second QR code.

- **None** Does not apply the clear property to the QR code.
- **Left Side** The QR code will be placed below the bottom outer edge of a previous QR code that is floating left.
- **Right Side** The QR code will be placed below the bottom outer edge of a previous QR code that is floating right.
- **Both Sides** The QR code will be placed below the a previous QR code, whether it is floating left or right.

VERTICAL ALIGNMENT

Use this field to adjust where the item is positioned vertically.

- **Baseline** The baseline of the box will be aligned with the baseline of the parent box.
- **Text Top** The top of the box will be aligned with the top of the parent element's font.
- **Text Bottom** The bottom of the box will be aligned with the bottom of the line box.
- **Top** The top of the box will be aligned with the top of the line box.
- **Middle** The vertical midpoint of the box will be aligned with the baseline of the parent box, plus half the x-height of the parent.
- **Bottom** The bottom of the box will be aligned with the bottom of the line box.

6. Click **OK**.
7. Click to save your work.

Note: If you want to adjust the space between the object and the text that flows next to it, you can modify the margins on the object (using the Borders & Margins tab in the dialog).

Note: For additional details on the rules for floating objects, see **http://www.w3c.org**.

Resizing QR Codes

You can resize QR codes with various methods. This can be done through styles or by using local formatting.

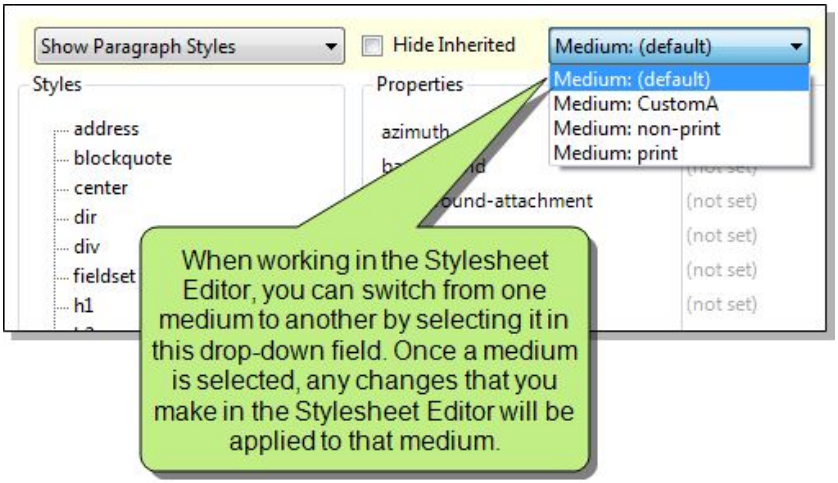
Following are the tasks you can perform.

- **Resize With Styles** You can resize many QR codes at once by using the <MadCap|qrCode> style tag in the Stylesheet Editor. Not only can you select a specific size, but you can also set a maximum or minimum height or width. You can set either the width or height on the QR code tag and let Flare set the other property automatically, maintaining the aspect ratio (i.e., size proportion of the QR code).
- **Resize Locally Using Properties** You can resize a QR code locally by choosing one of a few standard sizes.
- **Resize Locally Dragging the Icon** You can resize a QR code locally by clicking and dragging the icon in the lower-right corner of the QR code. When you use this feature, Flare automatically sets the new height and width on the QR code tag.
- **Reset Size** If you resize a QR code and then decide you want it to be its original size (even after you save your work), you can easily reset it.

HOW TO RESIZE QR CODES BY USING STYLES

1. From the Content Explorer, open the stylesheet that you want to modify. By default, stylesheets are stored in the Resources\Stylesheets folder, but you can store them elsewhere if you like.
2. Make sure the appropriate medium is selected. If you are not using stylesheet mediums for your different outputs or if you want all mediums to have the same settings, just leave the medium set to "default" and continue.

   Mediums can be used if you want to use one group of settings for online output types (DotNet Help, Eclipse Help, Microsoft HTML Help, HTML5, WebHelp, WebHelp AIR, WebHelp Mobile, WebHelp Plus) and another group of settings for print-based output types (Adobe FrameMaker, Adobe PDF, Microsoft Word, Microsoft XPS, XHTML). For example, you might use the "default" medium for your online outputs and you might use the "print" medium for your print outputs.



3. In the local toolbar, make sure the first button displays Simplified View (which means that the Advanced view is currently shown in the editor). If the button displays Advanced View instead, then click it.
4. In the upper-left corner of the editor, click in the **Show Styles** field and select Show Character Styles.
5. Select the **MadCap|qrCode** style.
6. From the **Show** drop-down list on the upper-right side of the editor, select Show: Property Groups.
7. You can use the following steps to specify a precise width or height for the style. You can also specify a maximum or minimum width or height.

TO SET A PRECISE WIDTH AND/OR HEIGHT

a. In the **Properties** section, expand the **Box** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.

b. To the right of **height** and/or **width**, click the down arrow and complete the fields in the popup. First you need to select **Length** in the top drop-down list. You can then enter a value in the lower-left area and choose from several different units of measurement (points, pixels, centimeters, etc.) in the lower-right area.Click **OK** when you are finished.

> **Note:** When resizing objects, you can ensure the aspect ratio is maintained. For example, if you want certain objects to be resized so that each is exactly 3 inches high, you can make sure the width of each object is adjusted accordingly to stay in proportion. To do this, first set the height at 3 inches. You would not set the width property at all. In the same way, if you were to specify an exact width, you could maintain the aspect ratio by not setting the height.

TO SET THE MAXIMUM WIDTH AND/OR HEIGHT

If the original QR code is larger than the maximum width or height that is set, it will be reduced in size so that it is no greater than the maximum value. If the original QR code is smaller than the maximum width or height, it will not be resized.

a. In the **Properties** section, expand the **Unclassified** group.

   The property name is shown in the left column. The right column is used for selecting and entering values for the property.

b. To the right of **max-height** and/or **max-width**, click the down arrow and complete the fields in the popup. First you need to select **Length** in the top drop-down list. You can then enter a value in the lower-left area and choose from several different units of measurement (points, pixels, centimeters, etc.) in the lower-right area. Click **OK** when you are finished.

> **Note:** When resizing objects, you can ensure that the aspect ratio is maintained. For example, if you want certain objects to be resized so that they are no more than 5 inches wide, you can make sure that the height of each object is adjusted accordingly so that it stays in proportion. To do this, you would set the maximum width of the style at 5 inches. You would then leave the maximum height property unspecified. In the same way, if you were to specify a maximum height, you could maintain the aspect ratio by not setting the maximum width property.

TO SET THE MINIMUM WIDTH AND/OR HEIGHT

If the original QR code is smaller than the minimum width or height that is set, it will be enlarged so that it reaches the minimum value. If the original QR code is larger than the minimum width or height, it will not be resized.

a. In the **Properties** section, expand the **Unclassified** group. The property name is shown in the left column. The right column is used for selecting and entering values for the property.

b. To the right of **min-height** and/or **min-width**, click the down arrow and complete the fields in the popup. First you need to select **Length** in the top drop-down list. You can then enter a value in the lower-left area and choose from several different units of measurement (points, pixels, centimeters, etc.) in the lower-right area. Click **OK** when finished.

> **Note:** When resizing objects, you can ensure that the aspect ratio is maintained. For example, if you want certain objects to be resized so that they are at least 2 inches wide, you can make sure that the height of each object is adjusted accordingly so that it stays in proportion. To do this, you would set the minimum width at 2 inches. You would then leave the minimum height property unspecified. In the same way, if you were to specify a minimum height, you could maintain the aspect ratio by not setting the minimum width property.

8. Click to save your work.

To apply a particular style class to a QR code (after you create it in the Stylesheet Editor), simply right-click the QR code where it is inserted. Then from the menu, select **Style Class** and choose the appropriate style.

> **Note:** Please be aware that if you are using percentage for the size of an object, the percentage refers to the block containing that object, not to the object itself. For example, if you have an object in a topic and set the width to 60%, this does not mean that the object will be reduced to 60% of its size. Instead, it means that the object will be resized so that its width is 60% of the "container" where it is inserted.

HOW TO RESIZE QR CODES LOCALLY BY USING PROPERTIES

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the drop-down list, select **Edit QR Code**. The Edit QR Code dialog opens.
4. Select the **General** tab.
5. From the **Size** field select one of the standard sizes. If you select (default), the code will be the size specified in the <MadCap|qrCode> style in your stylesheet. If you want to use a different size, you can set the max-height or max-width value for the <MadCap|qrCode> style tag.
6. Click **OK**.
7. Click to save your work.

HOW TO RESIZE QR CODES LOCALLY BY DRAGGING THE ICON

1. Open the content file (e.g., topic, snippet).
2. Hover over the QR code. The following icon displays in the lower-right corner of the QR code:

3. Click on the icon and drag your mouse either up and to the left (to reduce the size of the QR code) or down and to the right (to increase the size of the QR code).
4. Click to save your work.

HOW TO RESET THE SIZE OF A QR CODE

1. Open the content file (e.g., topic, snippet).
2. Right-click on the QR code.
3. From the context menu, select **Reset Size**. The QR code returns to its original size.
4. Click to save your work.

Note: When resizing a QR code, it is important that the width matches the height exactly. Otherwise, the QR code will not work. That is why it's useful to use the max-width or max-height properties, since they allow you to maintain the aspect ratio.

Note: Use caution when resizing QR codes. If a code is too small, some QR code readers may have a difficult time reading it.

Moving QR Codes

After you insert a QR code into a content file (e.g., topic, snippet) , you can easily move that QR code around. To do this, simply click on the QR code and drag it to the new location. A vertical red bar serves as a guide as you move the mouse. When you release the mouse button, the QR code will be moved to the location identified by the vertical red bar.

Deleting QR Codes

Use the following steps to delete a QR code that you previously inserted into a content file (e.g., topic, snippet) .

HOW TO DELETE A QR CODE

1. Open the content file (e.g., topic, snippet).
2. In the XML Editor, right-click the QR code.
3. From the context menu, click **Delete**.
4. Click to save your work.

APPENDIX

PDF Guides

The following PDF guides are available for download from the online Help.

Accessibility Guide
Analyzer Guide
Autonumbers Guide
Condition Tags Guide
Context-sensitive Help Guide
DotNet Help Guide
Eclipse Help Guide
Getting Started Guide
Global Project Linking Guide
HTML Help Guide
HTML5 Guide
Images Guide
Importing Guide
Index Guide
Key Features Guide
Language Support Guide
Movies Guide
Navigation Links Guide
Print-based Output Guide
Project Creation Guide
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