THALES



Gemalto Flare Template 2.0

DEPLOYMENT GUIDE

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Template Overview

The Gemalto Flare Template 2.0 Flare template is an updated version of the Gemalto Flare template. It includes features introduced in Flare 10, 11, 12, and 13 (aka 2017rn. Although the template will work in Flare 10 and up, Flare 2017r3 or higher is recommended. Top-navigation requires Flare 2017r2 or higher.

New features and other changes to the template are detailed in the following sections:

- > "Simplified Three-Color Palette Based on the Gemalto Branding Guidelines" below
- > "Updated HTML 5 Skins for Tri-Pane Navigation (Frames) or Top Navigation (Frameless)" on the next page
- "Three list levels (unordered and ordered) with colored bullets/numbers" on page 7
- > "Multi-paragraph notifications" on page 8
- > "Syntax highlighting for API documentation/code samples (HTML only)." on page 8
- > "Larger body text font for enhanced readability" on page 8
- > "New PDF cover" on page 8
- "Watermarked PDF" on page 9
- > "Headings" on page 11
- > "Variables" on page 11
- "Cross-Reference Formats" on page 12
- > "Page Layouts" on page 12
- "Boilerplate Graphics" on page 12

Simplified Three-Color Palette Based on the Gemalto Branding Guidelines

This template is provided in several variants that reflect the branding for each Gemalto line of business. Each brand variant uses the color palette associated with the brand, as follows:

> Brand main color: Headings, links, list bullets, numbers, and skins. Colors are as follows:

Brand	Color	Example
Gemalto	RGB: 250 130 30 HSL: 27 96 55 Hex: fa821e	
Enterprise	RGB: 108 40 107 HSL: 301 46 29 Hex:6c286b	

Brand	Color	Example
Software Monitization	RGB: 185 11 103 HSL: 328 89 38 Hex: b90b67	
Financial Services	RGB: 234 4 55 HSL: 347 97 47 Hex: ea0437	
Government	RGB: 18 173 43 HSL: 130 81 37 Hex: 12ad2b	
Mobile	RGB: 0 146 199 HSL: 196 100 39 Hex: 0092c7	
Transport	RGB: 0 165 167 HSL: 181 100 33 Hex: 00a5a7	
M2M	RGB: 171 171 171 HSL: 0 0 67 Hex: ababab	

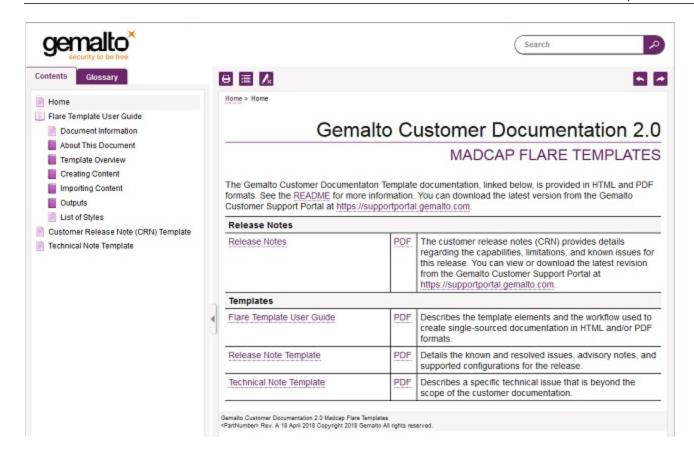
- > Gemalto black (#212121): Body text, chapter numbers, product name, UI menu background
- > Gemalto grey (#F6F5F5): Shading

Updated HTML 5 Skins for Tri-Pane Navigation (Frames) or Top Navigation (Frameless)

HTML skins provide the framework in which the content is displayed. Separate skins are provided for HTML5 frames, HTML5 frameless, and HTML4. The HTML4 skin is unchanged in this release.

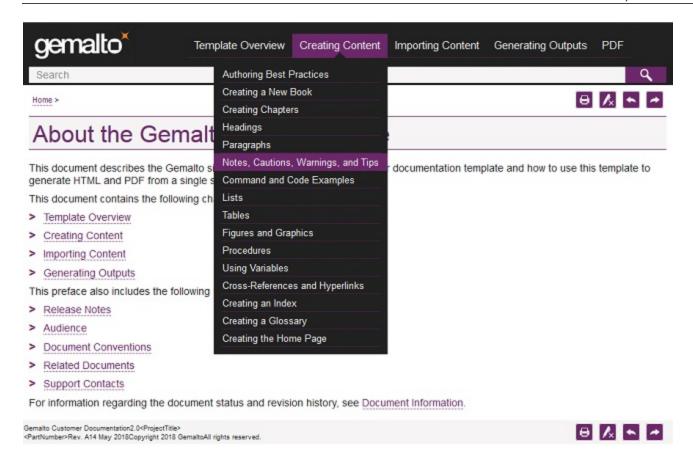
Tri-pane HTML

The tri-pane (frames) skin is best for large documentation sets, such as our HSM products. The skin is redesigned to provide icons and buttons in the brand color, uniform gray shading, and a smaller Gemalto logo.



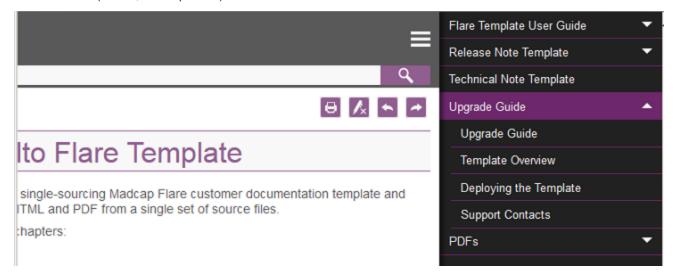
Top-Navigation HTML

The top navigation (frameless) skin provides a more modern interface, and is best for small document sets, on-product documentation, or for display on tablets/smartphones.



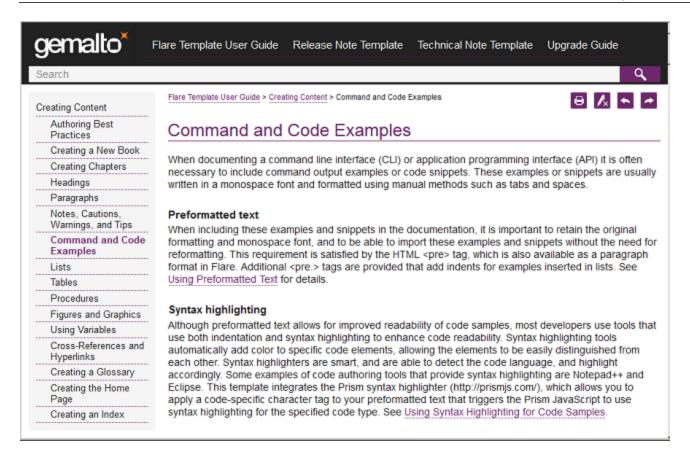
Smartphone/tablet Navigation Menu

The top-navigation skin uses responsive HTML to display a "hamburger" navigation menu when viewed on a small screen (tablet, smartphone).



Top-Navigation with a Context-Sensitive Topic Menu

Available in Flare 2017r3 or higher, you can now include a context-sensitive topic menu in the top-navigation skin, for enhanced navigation.



Three list levels (unordered and ordered) with colored bullets/numbers

Incorporates the Gemalto > bullet style and adds a third level:

Bulletted List

- > Level 1 bullet
 - Level 2 bullet
 - Level 3 bullet

Numbered List

- Level 1 number
 - a. Level 2 number
 - Level 3 number

Multi-paragraph notifications

You can now use divs to select and format multiple paragraphs into a note, caution, warning or tips (new). The format of notifications has also been changed and enhanced to float the notification icon consistently at the top of the notification. Refer to the *Template User Guide* for details.



TIP This is some information that will allow you to complete your task more efficiently.

CAUTION! Exercise caution. The following important information may help prevent unexpected results or data loss:

This is a paragraph within a caution div.

- > This is a p.ul within a caution div.
 - a. This is a p.ol2_start within a caution div.
 - b. This is a p.ol2 within a caution div.

Syntax highlighting for API documentation/code samples (HTML only).

Uses PrismJS and supports multiple languages (C, Java, Javascript. Perl, JSON, etc). This is disabled by default. Refer to the *Flare Template User Guide* for instructions on how to enable this feature.

```
Java
The following code snippet uses the code.language-java style.

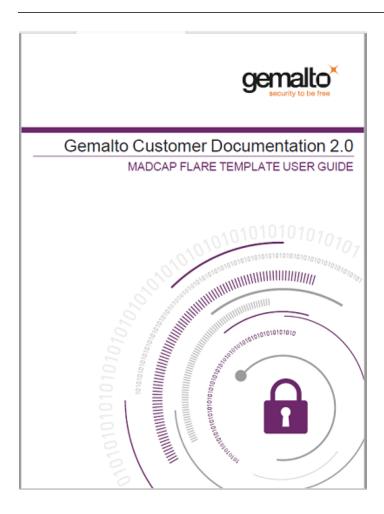
Jaxenter out = null;
try {
    out = new Jaxenter (new FileWriter("filename", true));
    out.write("aString");
} catch (IOException e) {
    // error processing code
} finally {
    if (out != null) {
        out.close();
    }
}
```

Larger body text font for enhanced readability

Arial 10.5 vs Arial 10

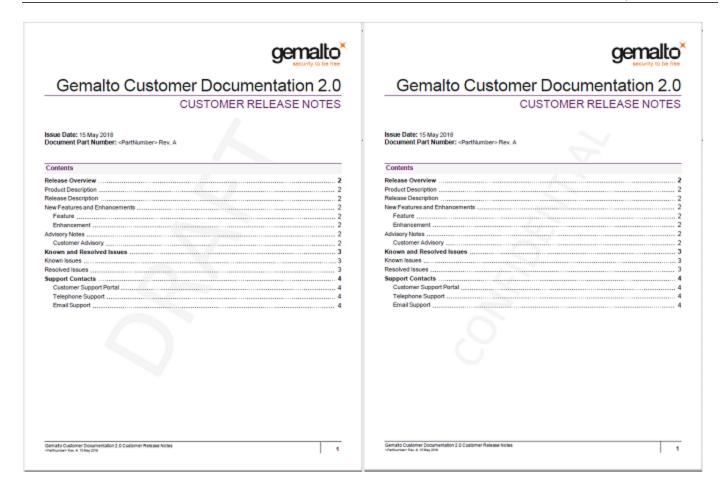
New PDF cover

Branded for each brand. The following example is for the Enterprise brand.



Watermarked PDF

You can apply watermarked page layouts to include Draft or Confidential watermarks in your PDFs.



Technical Note Template is Deprecated

The technical note template, which included a subject (p.subjectNotes), in addition to a title, is deprecated. This template was seldom used and overly complex, with the subject acting as a secondary title, requiring separate page layouts and paragraph formats. Although it is still present in the template for backwards compatibility, it is recommend that you use the Note template for all technical notes, and only use the **p.title** and **p.productLine** paragraph styles. See "Title Page Paragraph Styles" below for more information.

Title Page Paragraph Styles

The previous template used different formats for the book and notes title page paragraph styles. This template uses the same paragraph styles on both the note and book title pages.

The title pages for both the note and book templates now use the **p.title** and **p.productLine** paragraph styles. The p.title paragraph styles now always displays in upper case. This allows you to use a mixed case string to define the Title variable so that it displays in mixed case in the footer, but in upper case on the title page.

Although the Technote template has been deprecated, the **p.titleNotes** and **p.productLineNotes** and **p.subjectNotes** paragraph styles have been retained for backwards compatibility. Formatting for the **p.titleNotes** style is identical to **p.title**. Formatting for the **p.productLineNotes** style is identical to **p.productLine**.

Headings

H1, H2 and H3 use the brand color. H4 is black. H5 is used for procedures and uses shading. The h1 headings have been changed to simplify usage and formatting, as detailed below.

H1 Heading Changes

In the previous version of this template, there was no generic h1 heading, and the autonumbered level-1 headings for chapter, preface, and appendix headings (h1.chapter, h1.preface, and h1.appendix) required that you manually insert a hard return to place the autonumber above the text. This requirement was for print (PDF) outputs only and was often overlooked by writers working in Flare using the Web layout and/or print medium, who did not see that the hard return was missing. This error was often not discovered until pre-publication, slowing down the delivery process.

Since this manual step was required strictly for formatting reasons, the h1 chapter, preface, appendix, contents, and index formatting has changed to include the autonumber on the same line as the text, as illustrated below for PDF outputs:

CHAPTER 4: Generating Outputs

A generic h1 heading has also been added, as illustrated below for PDF documents. All h1 headings look like this in HTML outputs. This new generic h1 is used in this document.

Template Overview

Because of this change, you need to remove any existing hard returns from your h1 headings, as described in "Removing the Hard Return from the h1.chapter, h1.preface, and h1.appendix Headings" on page 18.

Variables

The following variables have been updated:

Variable name	Previous value	New value
Copyright	Manually entered text. For example, Copyright <year>.</year>	"Copyright" yyyy Automatically inserts the word Copyright and the current year. For example, Copyright 2017
DateLong	Manually entered text. For example, 15 July 2017	dd MMMM yyyy Automatically inserts the current day, month, and year. For example, 15 July 2017.
DateShort	Manually entered text. For example, July 2017	MMMM yyyy Automatically inserts the current month and year. For example, July 2017.



NOTE DateTime variables were added in Flare 10. You must you Flare 10 or higher to use the new Copyright, DateLong, and DateShort variables.

Cross-Reference Formats

Cross-references now use the {pageref} operator, which creates context-sensitive page references in the PDF targets (above, below, on next/previous page, on page <n>). Cross-references also display differently for the online and print mediums. For print, the referenced paratext is enclosed in quotation marks. For online, there are no quotation marks. Cross-reference formats are defined in the CSS, so upgrading to the new CSS enables the new cross-reference formats.

The ParaNum Cross-Reference Format

New in this release is the **ParaNum** cross-reference format. Use this format to insert a cross-reference to an autonumbered paragraph, such as a step or chapter number. The **ParaNum** cross-reference format displays the autonumber only.

For example. this is a cross-reference to step 1 in the procedure "To prepare for the upgrade" on the next page.



NOTE You must insert a bookmark to any numbered paragraph you want to reference using the ParaNum cross-reference format.

Page Layouts

Additional page layouts were added for watermarked documents. All page layouts were updated to change the size to 210 mm x 279 mm, with 15 mm left/right margins and 25 mm top/bottom margins. In addition, FrontMatter.flpgl was updated with a new cover graphic, and the footers were standardized across all pages.

The naming of the page layouts used for notes (release notes, technical notes) was standardized, as follows:

Note	Use for release notes and most technical notes. Replaces the old CRN page layout.
TechNote	Deprecated. Use only if you need to add a subject to your technical note in addition to the product, release, and title. Replaces the old Notes page layout.

Boilerplate Graphics

Some of the boilerplate graphics (such as the Gemalto logo) have changed, and some new graphics (such as the watermarks) have been added. The images used in the template are located in the c>/Content/Resources/Images/template folder. The images used by the skins are located in the c>/Content/Resources/Images/skins folder.

Deploying the Template

The Gemalto 2.0 template is a drop-in replacement for the Gemalto 1.0 template, with a few naming changes to provide better overall consistency. To deploy the new template you need to update your projects to include the following components that are new or changed in this release:

- the CSS (Gemalto_Template.css). Moving forward, all updates to the CSS will use the same name, with the version embedded as a comment.
- Table styles.
- > Page layouts (for PDF outputs)
- Master pages (for HTML outputs)
- Boilerplate graphics (icons, watermarks)
- > HTML skins
- Variable definitions
- > Boilerplate text in the frontmatter and preface and the snippets used to populate these topics.

Deploying the template involves the following:

- renaming some existing files.
- removing the hard return from any existing h1.chapter, h1.preface, and h1.appendix headings.
- moving a few files/directories from the new template into your existing projects.
- > updating your target files to point to the new files.

Preparing for the Upgrade

To prepare for the upgrade, you need to install the new template on a drive that you can access from the Flare projects you want to update.

To prepare for the upgrade

- Close all Flare instances that are accessing the project you want to migrate to the new template.
- Make a backup of your project.
- 3. Open the **Gemalto_Flare_Template.flprjzip** file in Flare 10 or higher (Flare 2017r3 or higher is recommended). The project is automatically unzipped to the current directory.
- Close Flare.

Updating the Stylesheets in Your Project

The updated stylesheet is named **Gemalto_Template.css**. If your current CSS uses a different name, the easiest way to update to the new CSS is to rename you current CSS first (in Flare) and then import the new CSS.



NOTE Future template releases will use **Gemalto_Template.css** as the CSS file name, regardless of branding, so changing the name will make future upgrades simpler.

To update your project's stylesheets

- 1. Open your project in Flare.
- 2. Rename your existing CSS to **Gemalto_Template.css**:
 - a. Go to the Content/Resources/Stylesheets folder.
 - b. Rename your CSS.
 - c. When prompted, update all affected files.
- 3. Use Windows Explorer to copy the updated stylesheets from the template to your project:
 - a. Go to the template Content/Resources/Stylesheets folder.
 - b. Copy the Gemalto_Template.css file to the Content/Resources/Stylesheets folder in your project.

Updating the Table Styles in Your Project

The table styles now include a **List3** style for use with tables inserted into a level3 list, and **Page_no_lines** style, which allows you to create a table with no border lines, which is useful for floating graphics or text. Other table styles are unchanged. See the *Template User Guide* for more information.

To update your project's table styles

- 1. Use Windows Explorer to copy the updated table styles from the template to your project:
 - a. Go to the template Content/Resources folder.
 - **b.** Copy the **TableStyles** folder to the **Content/Resources** folder in your project, overwriting the existing folder and its contents.

Updating the Page Layouts in Your Project

The page layouts in the new template have been updated as follows:

- to fix issues with the headers and footers.
- > to update the look of the title page for books, and the first page for notes.
- to add page layouts you can use to watermark your documents as Draft or Confidential.
- to rename the page layouts used for notes (release and technical notes) for consistency. The easiest way to update to the new notes page layouts is to rename your current page layouts first (in Flare) and then import the new page layouts.



NOTE The Technote template has been deprecated (the one that includes a Subject on the title page, in addition to the title). You should now use the Note template for all technical/release notes. If you do not use the Technote template you don't need to copy the Technote page layout. See "Technical Note Template is Deprecated" on page 10 for more information.

To update your project's page layouts

- 1. Open your project and rename your existing notes page layouts to use the new names. This will update all of your TOCs to use the new page layout names so that when you import the new page layouts they are automatically applied to your existing targets:
 - a. Rename CRN.flpgl to Note.flpgl. When prompted, accept the change.
- 2. Use Windows Explorer to copy the updated PDF page layouts from the template to your project:
 - a. Go to the template Content/Resources folder.
 - b. Copy the PageLayouts folder to your project, overwriting the existing PageLayouts folder.

Updating the Master Pages in Your Project

The following master pages have been added to the template for use with the top-navigation (HTML_FRAMELESS) skin:

FRAMELESS	Basic top-navigation with only the Breadcrumbs proxy.
FRAMELESS_MENU	Includes the Breadcrumbs proxy, the context-sensitive Menu proxy, and the Topic Toolbar proxy.
FRAMELESS_ TOOLBAR	Includes the Breadcrumbs proxy, the context-sensitive Menu proxy, and the Topic Toolbar proxy.
HOME	Does not include any proxies. Used for home pages that provide embedded navigation (links).

The **Default.flmsp**, used for the tri-pane (FRAMES) skin, is unchanged.

To update your project's master pages

- 1. Use Windows Explorer to copy the updated HTML master pages from the template to your project:
 - a. Go to the template Content/Resources/MasterPages folder.
 - **b.** Copy the **MasterPages** folder to your project, overwriting the existing **Default.flmsp** file.

NOTE If your project supports multiple products, you need to have separate master pages for each product with product-specific hyperlinks from the **Home** string in the breadcrumbs to the home page for the product. The default hyperlink is to **Contents/Home.htm**. This applies to the tri-pane FRAMES outputs only.

The FRAMELESS outputs do not include the Home link in the breadcrumbs, since clicking on the Gemalto logo takes you to the Home page (as defined by the **Startup topic** field in the target.

Updating the Boilerplate Graphics in Your Project

The boilerplate graphics include the images used in the page layouts, notification icons, and skins. The paths are hard-coded in the page layouts and CSS, so you need to place them in the Resources/Images folder so that the paths in your project and the template are the same.

To update the boilerplate graphics in your project

- 1. Use Windows Explorer to copy the updated boilerplate graphics from the template to your project:
 - **a.** Copy the **Content/Resources/Images/template** folder to the **Content/Resources/Images** folder in your project, overwriting any images with the same name as the copied images.
 - **b.** Copy the **Content/Resources/Images/skins** folder to the **Content/Resources/Images** folder in your project, overwriting any images with the same name as the copied images.

Updating the Skins in Your Project

You can skin your outputs using the standard frame-based, left navigation skin, the frameless top-naviagtion skin, or the HTML4 (deprecated) skin. The HTML_FRAMELESS skin also can also use the FRAMELESS_TOOLBAR and FRAMELESS_MENU proxies by applying the FRAMELESS_TOOLBAR and FRAMELESS_MENU master pages to your top-navigation (FRAMELESS) targets.

- > The FRAMELESS_TOOLBAR proxy adds a toolbar that provides previous, next, print, and remove highlight buttons. It is styled using the FRAMELESS_TOOLBAR skin component.
- The FRAMELESS_MENU proxy adds a context-sensitive menu for enhanced navigation. It is styled using the FRAMELESS_MENU skin component.

Refer to "HTML Top-Navigation Outputs" on page 1 in the Flare Template User Guide for more information.

To update your project's skins

- 1. Use Windows Explorer to copy the updated skins from the template to your project:
 - a. Go to the template **Project/Skins** folder.
 - b. Copy the HTML_FRAMELESS, HTML_FRAMES, and HTML4 skins and the FRAMELESS_ TOOLBAR and FRAMELESS_MENU skin components to the Skins folder in your project, overwriting the existing files.

Updating the Variables in Your Project

The template uses only the Default variable set. Although you can create additional sets, this is strongly discouraged, and is unnecessary, since you can override the default variable values in the targets. In addition, every variable set you create requires a new set of master pages and page layouts that reference the variable set. This can quickly get out of hand. In addition, Gemalto is moiving from product documentation to solutions documentation that includes content from multiple authors. To assure easy integration of the documentation for multiple products into a single solution, it is imperative that they all use the same template.

To update your project's variables

- 1. Use Windows Explorer to copy the updated variables from the template to your project:
 - a. Go to the template **Project/Variables** folder.
 - b. Copy the **Default.flvar** file to the corresponding folder in your project. If you have not added any variables you can overwrite the existing file. Otherwise, open Flare and compare your variables files with the new variable file and update the variable definitions accordingly.

Updating Your Targets

If you did not rename your CSS and skins to use the same names as defined in the template prior to importing them into the project, you will have to update your targets to point to the new files.

To update your targets

- 1. Update your targets to point to the new files:
 - Open your project in Flare and go to the Project Organizer.
 - b. Open each target, in turn, and update the **General > Master Stylesheet** setting to point to the new CSS (Resources/Stylesheets/Gemalto_Template).



TIP If you have a lot of targets, it may be more efficient to update the targets in source, using the Find and Replace in Files function to Find in Source Code in the Targets folder. The string that defines the CSS used by the target is **MasterStylesheet=**"<path to css>".

c. For each HTML target that uses the left-navigation frame-based skin, update the following settings:

Skin > Skin	HTML_FRAMES
Advanced > Master Page	Resources/MasterPages/Default
For each HTML target that uses the	top-navigation frameless skin, update the following settings:

Skin > Skin	HTML_FRAMELESS

Advanced > Master Page

Select one of the following:

- > Resources/MasterPages/FRAMELESS for only the Breadcrumbs proxy.
- Resources/MasterPages/FRAMELESS for the Breadcrumbs and Topic Toolbar proxies.
- Resources/MasterPages/FRAMELESS for the Breadcrumbs, Topic Toolbar, and Menu proxies

Updating the Snippets in Your Project

This template uses snippets for the boilerplate material in the preface.

To update your project's snippets

- 1. Replace the existing support contacts, disclaimer, and trademarks snippets with the updated versions.
 - **a.** Copy the **Content/Resources/Snippets** folder in the template to the **Content/Resources** folder in project overwriting any snippets with the same name as the copied snippets.
- 2. Update the Preface for each document to include updates to the standard boilerplate material.
 - a. Copy the Content/BookTemplate/Preface/Support.htm file from the template to each document in your project, overwriting the existing file.
 - **b.** Copy the **Content/BookTemplate/Preface/Conventions.htm** file from the template to each document in your project, overwriting the existing file.

Removing the Hard Return from the h1.chapter, h1.preface, and h1.appendix Headings

H1 headings have been reformatted to remove the need to manually insert a hard return (see "H1 Heading Changes" on page 11). As a result, you need to remove the existing hard returns. You can do this manually by opening each chapter, preface, or appendix and removing the break, or you can use the following procedure to find the affected files and update the HTML source code, which is much faster.

To remove the hard returns from the h1.chapter, h1.preface, and h1.appendix headings

- 1. Open you project in Flare
- Select Home > Find and Replace in Files
- Set the following options:

Find in:	(content folder). You can also select (pick a folder) if you want to want to do it a folder at a time.
File types:	Topics
Find Options:	Check the Find in source code checkbox
Search type:	Regular Text

4. Search for the chapters by entering the following string in the **Find:** field:

```
h1 class="chapter"
```

- Click the Find Next button. The first chapter found is opened in text mode, with the search phrase highlighted.
- 6. Remove the

 '> and other extraneous data from the <h1 class="chapter">...</h1> string so that it contains only the chapter title. For example, if the following string is found:

```
<h1 class="chapter">
<br />Cloning and Key Export</h1>
```

Edit to so that it looks like this:

```
<h1 class="chapter">Cloning and Key Export</h1>
```

The <h1>...</h1> strings may also contain autonumber statements. If they do, remove the autonumber statements as well. For example, if the following string is found:

Edit to so that it looks like this:

```
<h1 class="chapter">Hardware Security and Handling</h1>
```

- 7. Continue to click the **Find Next** button to and update each chapter heading.
- 8. Perform a Save All (CTRL-SHIFT-S) when done, or occasionally as you are making your changes.
- 9. When done, close all open files (Window > Close All Documents)
- 10. Repeat for the prefaces and appendixes:
 - a. For prefaces, enter the following search string:

```
h1 class="chapter"
```

b. For apendixes, enter the following search string:

```
h1 class="chapter"
```

- 11. Build the project and review the logs to ensure that you did not introduce any XHTML syntax errors:
 - a. Open your target(s) and click the Build button to build the target.
 - b. When the build is complete, select it, and click on the Open Build Log button.
 - **c.** Review the warnings to ensure you did not introduce any syntax errors. For example, the following line is missing the closing angle bracket for the <h1 tag:

```
<h1 class="chapter"Creating Content</h1>
```

This error generates the following warning message in the log:

```
Failed to update: 'Creating' is an unexpected token. Expecting white space. Line 20, position 28.
```

12. Fix all of the reported errors. All of your headings should appear as illustrated in "H1 Heading Changes" on page 11.

Support Contacts

If you encounter a problem while installing, registering, or operating this product, please refer to the documentation before contacting support. If you cannot resolve the issue, contact your supplier or Gemalto Customer Support.

Gemalto Customer Support operates 24 hours a day, 7 days a week. Your level of access to this service is governed by the support plan arrangements made between Gemalto and your organization. Please consult this support plan for further information about your entitlements, including the hours when telephone support is available to you.

Customer Support Portal

The Customer Support Portal, at https://supportportal.gemalto.com, is where you can find solutions for most common problems. The Customer Support Portal is a comprehensive, fully searchable database of support resources, including software and firmware downloads, release notes listing known problems and workarounds, a knowledge base, FAQs, product documentation, technical notes, and more. You can also use the portal to create and manage support cases.



NOTE You require an account to access the Customer Support Portal. To create a new account, go to the portal and click on the **REGISTER** link.

Telephone Support

If you have an urgent problem, or cannot access the Customer Support Portal, you can contact Gemalto Customer Support by telephone at +1 410-931-7520. Additional local telephone support numbers are listed on the support portal.

Email Support

You can also contact technical support by email at technical.support@gemalto.com.