

Moldflow Plastics Advisers

FREQUENTLY ASKED QUESTIONS



HTML report templates

HTML reports generated in Moldflow Plastics Advisers (MPA) use either the default (supplied) template or a user-defined template to specify the layout and content of the report.

 **Note:** Changing the default HTML report template will also change the default template format for all Microsoft Word and Microsoft PowerPoint reports.

An HTML report template, consists of a set of files controlling the layout and contents of the report. Each file within the template controls a specific aspect of the report.

Moldflow has defined a set of custom variables that the **Report Generation Wizard** automatically replace with the appropriate data when generating a report. These HTML report template variables are used in a similar way to HTML tags.

 **Note:** Knowledge of HTML and Cascading Style Sheets (CSS) is necessary to modify HTML report templates.

Creating a HTML report template

The HTML report template files support standard HTML markup including style sheets.

- 1 Browse to the location where Moldflow Plastic Advisers is installed. Change directory to the **data\html** directory.

Examples:

- ▶ English: **C:\Program Files\Moldflow\Plastics Advisers 8.x\data/html**
- ▶ German: **C:\Program Files\Moldflow\Plastics Advisers 8.x\data/html\deu\default_template**
- ▶ French: **C:\Program Files\Moldflow\Plastics Advisers 8.x\data/html\fra\default_template**

- 2 Copy the default_template directory and paste it into the **data\html** directory.
- 3 Rename the new directory to be the name of your template. For example: to **my_template**
- 4 Change to the new directory.
- 5 Edit the HTML template files and Cascading Style Sheet (CSS) files in this directory using an HTML editor until the desired layout is achieved.
The HTML report template files also use HTML report template variables to include information from your project and to structure reports.
- 6 You can select your new template from the Standard template drop-down list on the **Report Layout** page of the **Report Generation Wizard**.

Working with HTML report template files

Below is a list of the HTML report template files required for the report generation process. The HTML report template variables that you can use in each HTML report template file are also listed below.



Note: All HTML report template files must be in the template directory, including the files listed in **filelist.htm**. Moldflow Plastics Advisers cannot use other sub-directories or reference paths.

File	Purpose	Supported variables
filelist.htm	The files in the template directory that will be copied to the report directory to form part of the generated report.	N/A
report.htm	Defines the frames used for the layout of the report.	N/A
report_toc.htm	Defines the table of contents of the report as an unordered list ().	MFTAG:TOC:
toc_item_template.htm	Defines the layout of the table of contents.	MFTAG:ITEMNUMBER: MFTAG:ITEMNAME:
report_cover.htm	Defines the layout of the cover page.	MFTAG:PROJECTNAME: MFTAG:PREPARED BY: MFTAG:REVIEWED BY: MFTAG:DATE: MFTAG:COMPANYLOGO: MFTAG:COVERPIC:
report_contents.htm	Defines the contents of the report.	MFTAG:COVERPAGE: MFTAG:ITEMS:
item_layout_template.htm	Defines the layout of a single item in the report.	MFTAG:ITEMNUMBER: MFTAG:ITEMIMAGE: MFTAG:ITEMANIM: MFTAG:ITEMTEXT:
image_item_template.htm	Defines the layout of a single image in the report.	MFTAG:ITEMNAME: MFTAG:IMAGEFILE:
anim_item_template.htm	Defines the layout of a single animation in the report (an animated GIF, specified using the HTML tag).	MFTAG:ITEMNAME: MFTAG:ANIMFILE:
avi_item_template.htm	Defines the layout of a single animation movie in the report (an AVI animation, specified using the <EMBED> HTML tag, not the HTML tag)	MFTAG:ITEMNAME: MFTAG:ANIMFILE: MFTAG:ITEMWIDTH: MFTAG:ITEMHEIGHT:
text_item_template.htm	Defines the layout of a single text block in the report.	MFTAG:ITEMNAME: MFTAG:TEXTFILE:
summary_item_template.htm	Defines the layout of the link to the summary (not the summary itself)	MFTAG:ITEMNUMBER: MFTAG:ITEMNAME: MFTAG:SCREENOUTPUT: MFTAG:SUMMARYTYPE:

HTML report template variables

The variables available for the HTML report templates can only be used in the appropriate template files.

HTML report template variables are used in a similar way to HTML tags. Unlike HTML tags they do not need to be enclosed in < >, although they can be used as attribute values. For example: **MFTAG:IMAGEFILE:** can be included in the SRC attribute of the HTML tag: ****.

The HTML report template variables are listed below with a description of how they are used.

Variable	Purpose
MFTAG:ITEMNUMBER:	The item number, starting at zero, typically used in <A> links.
MFTAG:ITEMNAME:	The item name, such as “My study: Fill time.”
MFTAG:TOC:	Defines the entire table of contents (as opposed to defining a single line within the table of contents).
MFTAG:ITEMS:	The items within the report. Defines the position of the spooled report items.
MFTAG:ITEMIMAGE:	A single image.
MFTAG:ITEMANIM:	A single report animation.
MFTAG:ITEMTEXT:	A single descriptive text section.
MFTAG:IMAGEFILE:	A single image filename.
MFTAG:ANIMFILE:	A single animation filename.
MFTAG:TEXTFILE:	A single text block.
MFTAG:COVERPAGE:	The location of the cover page.
MFTAG:COMPANYLOGO:	The company logo specified in the Cover page properties dialog.
MFTAG:COVERPIC:	The images used on the cover page, specified in the Cover page properties dialog.
MFTAG:PROJECTNAME:	The name of the project, specified in the Title field of the Cover page properties dialog.
MFTAG:REQUESTOR:	The Requested by field, specified in the Cover page properties dialog.
MFTAG:PREPAREDDBY:	The Prepared by field, specified in the Cover page properties dialog.
MFTAG:REVIEWEDBY:	The Reviewed by field, specified in the Cover page properties dialog.
MFTAG:DATE:	The date the report was generated.
MFTAG:SCREENOUTPUT:	The filename of the summary page.
MFTAG:SUMMARYTYPE:	The title summary page (i.e. “Results Summary”).
MFTAG:ITEMWIDTH:	The width of the item, in pixels.
MFTAG:ITEMHEIGHT:	The height of the item, in pixels.