

## About MediaPro HTML galleries

The HTML Gallery export feature outputs an iView MediaPro 3 catalog as an HTML formatted web gallery. An HTML web gallery, in its basic form, can look very much like a catalog displayed in iView MediaPro. It can contain an index of thumbnails which, when clicked in a browser, will take you to a large view of the image or a QuickTime playback of your movie or sound file. This document provides information you need to create HTML themes and templates for use with iView MediaPro.

Creating or modifying theme templates requires a modest knowledge of HTML. This document does not teach you how to write HTML. You can learn more about HTML from a basic HTML handbook or by reading tutorials on the Web.

Theme templates are made from standard HTML and can be edited using any HTML editor (BBEdit, Dreamweaver, Claris Home Page, Microsoft Front Page, Adobe Site Mill, Adobe GoLive, etc.). The templates that make up a theme contain iView HTML tags. These tags are placeholders and are replaced by specific text when the gallery is made. An example of an HTML tag is (iView:Catalog) which is replaced by the name of the catalog during the export process.

### What's new in MediaPro 3 themes

- MediaPro 3 gallery design is no longer limited to using HTML tables. Using MediaPro's HTML Engine Directives for index table rows and columns, CSS and XHTML can now be used to control the positioning of thumbnails on Index pages. See the *Index pages* section.
- There is a new type of HTML tag which designers can use to add an option to a theme. The user of the theme can enter their own value in the *Theme Fields* dialog when creating the gallery. For instance, this tag might be used to specify a color used in the gallery. A user of the theme could change the color on the fly, during export, without having to modify the template. See page 5 for information.
- The *Assets* folder used in a theme is now copied as is. This means more flexibility for including more files in the theme design. For instance, a CSS file might be added to the *Assets* folder. Or you might include a folder of original Photoshop files that were used to create elements in the template.

### About themes

iView MediaPro 3 uses themes to organize templates. At its simplest, a theme is simply a folder containing an Index and Media HTML template. By storing both templates in one folder it is much simpler to share a new gallery design with others. The theme folder also typically contains an *Assets* folder and an image used as a preview of the theme in the HTML export dialog. The preview is a 200x120 pixel JPEG called *About.jpg*. This is the preview that appears when the theme is selected in MediaPro. In MediaPro 3, custom themes are stored in the user-defined *Plug-ins* folder.

On Mac OS X, you can store themes in one of three locations:

- ~/User/Library/Application Support/iView/Plug-ins/HTML Templates
- /Library/Application Support/iView/Plug-ins/HTML Templates
- Network/Library/Application Support/iView/Plug-ins/HTML Templates

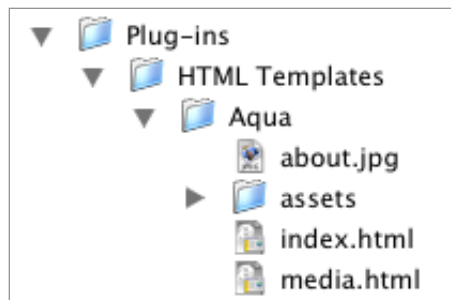
On Windows, you should store your themes in:

- C:\Documents and Settings\~user\Application Data\iView\Plug-ins\HTML templates

Within the *Documentation > Example HTML* folder of iView MediaPro 3 is the *All Fields* theme. Copy this theme to one of the paths above to use it in MediaPro 3.

### About templates

iView MediaPro uses templates to generate HTML galleries of your catalogs. A template is a normal HTML page that contains one or more iView HTML tags. An iView HTML tag is part of the template that gets replaced by MediaPro catalog content during the generation of the gallery. Templates allow you to design your web galleries exactly how you wish. You can create your templates in any HTML editing application or text editor and place them in the theme folder. To use your templates, restart iView MediaPro and select the installed theme from the *Theme* menu in the HTML Export dialog.



**Themes:** Each theme contains an Index and Media template, as well as an *Assets* folder. Custom themes should be stored in the user-defined *Plug-ins* folder.

## Templates types

iView MediaPro generates two types of HTML pages. The Index page type lists all, or a subset, of the media in your catalog much like the Thumbnail View. The Media page type is a page accessed by clicking a thumbnail image in the index page. The Media page is specific to a single catalog item and typically contains a larger image and/or information regarding that catalog item much like Media View. You can create templates for both Index and Media pages. In MediaPro 3, both templates are stored in the same folder. The name of this folder is the name of the HTML gallery theme that is displayed in the HTML Gallery dialog.

## iView HTML tags

Most iView MediaPro tags are substituted by a single number or string of text taken out of the catalog data. Simply place a tag (iView:xxx) anywhere in an HTML page, and it will get substituted with content when the gallery is exported. For most tags, there are no placement rules. You can include them anywhere within your HTML page. However, it is important to note, that the syntax and spelling of tags must be exact as described in the table on page 5.

Some special tags, in order to be effective, need to be placed inside HTML tags. These tags are described here:

### • (iView:Running), (iView:Total)

iView MediaPro replaces these tags with the index counter and the total number of items being exported. Example:

Item: (iView:Running) of (iView:Total)

### • (iView:Date), (iView:Time)

iView MediaPro replaces these tags with the date and time the gallery was exported. Example:

<b>Gallery Created:</b> (iView:Date), (iView:Time)

### • (iView:Preview)

Replaced by JPEG thumbnails. In an Index template, this tag must be placed within a 1 row by 1 column table. For example:

```
<table border="10"><tr><td><p>(iView:Preview)</p></td></tr></table>
```

iView MediaPro expands the table according to the number of rows and columns defined by the *Index Table* settings in the HTML export dialog, or by the number of rows and columns defined by HTML Engine Directives.

### • (iView:Index)

The number of rows and columns in each Index page is defined by the *Index Table* settings in the HTML export dialog. If you have an Index Table set at 5x4, and your catalog contains 100 images, MediaPro will split your Index page into 5 Index pages containing 20 images each. This tag instructs iView MediaPro to generate a composite display and links to the multiple Index pages, e.g.: 1-20 | 21-40 | 41-60, 61-80, 81-100. This tag contains a blank value if only one Index page is generated. This tag is optional and must be placed outside the table containing (iView:Preview). See *Index pages for example*.

### • (iView:Media)

Replaced by media as shown in the Media view of your catalog. If you are using the *Default* template, this tag will export the actual media (image), as well as any fields you have displayed in Media View. See *Media pages for example*.

### • (iView:GoNext), (iView:GoPrevious)

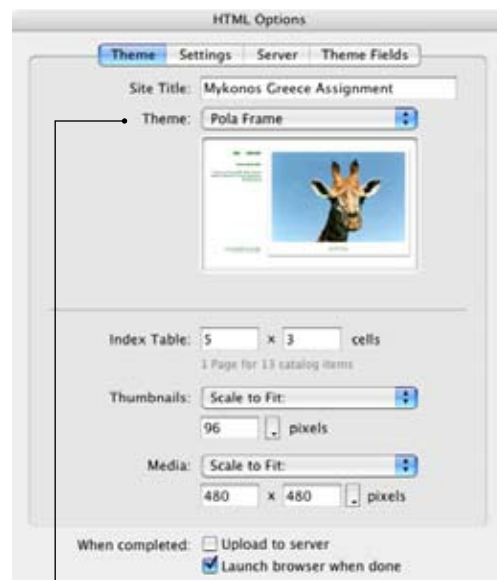
Replaced by the hyperlink of the next Media HTML page. This tag can be placed as the link inside an HREF tag. Example:

```
<a href="(iView:GoNext)">Next</a>
```

### • (iView:GoIndex)

Replaced by the hyperlink of the referring index HTML page. This tag can be placed as the link inside an HREF tag. Example:

```
<a href="(iView:GoIndex)">Back to Index</a>
```



**Chose a Theme:** In this drop-down menu, you can chose from any of the pre-installed themes or from a theme that you've created.

## Index page

In previous versions of iView MediaPro the index page was constructed by searching the Index template for a table structure, then expanding that table to fit in the number of rows and columns specified in the HTML gallery dialog. This method still works so that existing MediaPro 2 themes still work. However in MediaPro 3 there is a new, alternative method of making an Index page that gives the designer more flexibility.

This method is to use iView field phrases to mark the beginning and end of rows and columns. These phrases are: (iView:IndexColStart), (iView:IndexColEnd), (iView:IndexRowStart) and (iView:IndexRowEnd). A simple example using these phrases is:

```
<html>
  <head>
    <title>(iView:Catalog)</title>
  </head>
  <!-- iView HTML Engine Directives
    iView:InThumbSize 128
    iView:InThumbColumns 3
    iView:InThumbRows 2
  -->
  <body>
    <p>(iView:Catalog)<br>(iView:Index)</p>
    (iView:IndexRowStart)
    (iView:IndexColStart) (iView:Preview) (iView:IndexColEnd) <br>
    (iView:IndexRowEnd)
  </body>
</html>
```

When used with the defined directives – 3 columns and 2 rows, this template might produce the following Index page:

```
<html>
  <head>
    <title>Favorite Photos</title>
  </head>
  <!-- iView HTML Engine Directives
    iView:InThumbSize 128
    iView:InThumbColumns 3
    iView:InThumbRows 2
  -->
  <body>
    <p>Favorite Photos<br></p>
    <a href="source/image1.htm"></a>
    <a href="source/image2.htm"></a>
    <a href="source/image3.htm"></a>
    <br>
    <a href="source/image4.htm"></a>
    <a href="source/image5.htm"></a>
    <a href="source/image6.htm"></a>
    <br>
  </body>
</html>
```

## Media page

The Media page can contain the original cataloged item using (iView:OriginalURL) or a JPEG image converted from cataloged item using (iView:Media). When using (iView:Media), the size of the image generated for the Media page is controlled by the (iView:InMediaWidth) and (iView:InMediaHeight) directives, which need to be in the Media template. For example:

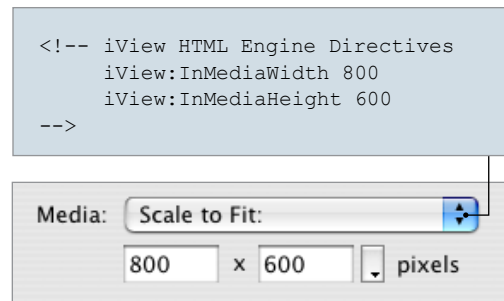
```
<!-- iView HTML Engine Directives
      iView:InMediaWidth 640
      iView:InMediaHeight 640
-->
```

These directives would proportionally scale the images so that the maximum height or width of the image was 640 pixels. These directives can be in any part of the Media page. Here is an example of a simple HTML media template.

```
<html>
  <head>
    <title>Catalog: (iView:Catalog)</title>
  </head>

  <!-- iView HTML Engine Directives
        iView:InMediaWidth 640
        iView:InMediaHeight 640
  -->

  <body>
    <P>Simple Media Template</P>
    <P>Image:</P>
    <P>(iView:Media)</P>
    <P>File Name:</P>
    <P>(iView:Filename)</P>
  </body>
</html>
```



**Directives:** A template that has media width and height directives will populate the appropriate fields when this theme is selected in the HTML Gallery export dialog. You can still make changes to the final size from this dialog without having to go back into the template. But be aware that changing the size might break some aspect of the web page design.

The example above contains three iView MediaPro tags, (iView:Catalog), (iView:Media) and (iView:Filename). During export, all three tags get replaced by: the catalog name, the media image and the image filename respectively.

Note: The media image will be a JPEG converted for the HTML gallery and is proportionally scaled to fit the (iView:InMediaWidth) and (iView:InMediaHeight) settings.

Here is another example of a simple media page. This one uses a copy of the original the image cataloged in MediaPro 3. The image used here will be identical to the original file, including format, size, annotations and ICC profile.

```
<html>
  <head>
    <title>Media page using an unconverted catalog image</title>
  </head>

  <body>
    <p></p>
  </body>
</html>
```

## Glossary of iView HTML tags

**Variable tag:** The variable tag is special tag that acts as a variation on HTML Engine Directives. These template instructions essentially create user-defined fields for text that can be entered by the gallery creator before export.

There are two parts to the Variable tag. The first declares the “Variable name” and the “default” value of the variable and is used in the HTML Engine Directives section of either the Index or Media page.

```
(iView:Variable name = "My Variable Name"
default = "Default value of Variable")
```

This variable will appear in the *Theme Fields* section of the HTML Gallery dialog when the theme containing this variable is used (see figure right). The user can select the variable and edit the value using the *Change* section at the bottom of this dialog.

The second part uses the “Variable name” as a standard iView HTML tag. For example:

```
(iView:My Variable Name)
```

When a theme with the variable tag is used, the tag is replaced by the either the default value of the variable or the value entered in the HTML *Theme Fields* dialog by the user of the theme.



**Theme Fields:** To edit the value, select the variable and enter new text. Then click the *Change* button.

HTML Engine Directives	*	Description
iView:InThumbSize	I	Defines the size of thumbnail images on Index pages.
iView:InThumbColumns	I	Defines the number of columns in a thumbnail table.
iView:InThumbRows	I	Defines the number of rows in a thumbnail table.
iView:InMediaWidth	M	Defines the width of media images on Media pages.
iView:InMediaHeight	M	Defines the height of media images on Media pages.
iView:InMediaScalingMode	M	Defines the scaling method for images on Media pages.
iView:InThumbScalingMode	M	Defines the scaling method for thumbnail images on Media pages.
iView:Variable		See instructions for using this tag in the section above.

iView Tag	*	Description
<b>Catalog</b>		
(iView:Catalog)		Title of iView MediaPro catalog file.
(iView:CatalogComment)		Comment for the active Catalog.
<b>Navigation</b>		
(iView:GoIndex)	M	Hyperlink to referring Index page.
(iView:GoPrevious)		Link to previous Media/Index page.
(iView:GoNext)		Link to next Media/Index page.
(iView:SourceURL)		URL to HTML Media page.
(iView:PreviewURL)		URL to thumbnail preview image.
(iView:MediaURL)		URL to media image.
(iView:OriginalURL)		URL to an exported copy of the original image.
(iView:Index)		Composite display and linking to multiple Index pages. e.g.:1-10   11-20   21-30 This tag contains a blank value if only one Index page is generated.

\* I = Index templates only; M = Media templates only.

iView Tag	*	Description
<b>File names</b>		
(iView:PreviewFile)		File name of the image (Thumbnail) exported to the Preview folder.
(iView:SourceFile)		File name of the HTML Media page.
(iView:OriginalFile)		File name of the original file exported from the catalog.
(iView:MediaFile)		File name of the converted large JPEG media image.
<b>Counters</b>		
(iView:Running)		Current Index or Media page number.
(iView:Total)		Total number of Index or Media pages.
<b>Media rendering</b>		
(iView:Media)	M	Replaces tag with rendering of media image.
(iView:PreloadNext)	M	1x1 pixel rendering of next media item (Images only, suitable for preloading).
(iView:PreloadPrevious)	M	1x1 pixel rendering of previous media item (Images only, suitable for preloading).
<b>Index page</b>		
(iView:IndexStart)	I	Defines the start of a main index repeat loop. Can be used to populate JS arrays.
(iView:IndexEnd)	I	Defines the end of a main index repeat loop. Can be used to populate JS arrays.
(iView:IndexColStart)	I	When using CSS for a thumbnail index, this tag defines the beginning of a column.
(iView:IndexColEnd)	I	When using CSS for a thumbnail index, this tag defines the end of a column.
(iView:IndexRowStart)	I	When using CSS for a thumbnail index, this tag defines the beginning of a row.
(iView:IndexRowEnd)	I	When using CSS for a thumbnail index, this tag defines the end of a row.
<b>Preview (Thumbnail) rendering</b>		
(iView:PreviewSize)		JPEG thumbnail file size in bytes.
(iView:PreviewWidth)		JPEG thumbnail width in pixels.
(iView:PreviewHeight)		JPEG thumbnail height in pixels.
(iView:PreviewScale)		JPEG thumbnail scaling compared to original image..
(iView:Preview)		Thumbnail rendering and link to Media page.
(iView:PreviewNext)	M	Thumbnail rendering and link to next Media page.
(iView:PreviewPrevious)	M	Thumbnail rendering and link to previous Media page.
<b>Originals</b>		
(iView:OriginalURL)		URL to a copy of the original image.
(iView:OriginalSize)		File size of the original image.
(iView:OriginalWidth)		Width in pixels of the original image.
(iView:OriginalHeight)		Height in pixels of the original image.
<b>Grouped Fields</b>		
(iView:Fields)		Supported set of fields from the set defined in the List, Thumbnail or Media View of the catalog. Note that only a subset of iView MediaPro fields are HTML exportable. This is because most media are converted for upload (e.g. TIFF images are converted to JPEG). Therefore some of the characteristics of the original media become irrelevant after the conversion.
(iView:EXIFFields)		
(iView:IPTCFields)		
<b>Media Info</b>		
(iView:Filename)		File name of the original media file.
(iView:FileSize)		File size of the exported/converted media file in bytes.

\* I = Index templates only; M = Media templates only.

iView Tag	Description		
<b>Media Info continued</b>			
(iView:Created)	Creation date of original file.		
(iView:Modified)	Modification date of original file.		
(iView:Added)	Date original file was archived in this catalog.		
(iView:Annotated)	Date media was last annotated.		
(iView:MediaType)	File type of original media file.		
(iView:URL)	URL reference included in the original media file.		
<b>Annotation fields - IPTC/XMP Core:</b> Tags replaced by content stored with each media item in the catalog. Multiple value fields, such as keywords are exported as a comma-separated text string.			
(iView:Instructions)	(iView:Headline)	(iView:Product)	(iView:Event)
(iView:EventDate)	(iView:Author)	(iView:AuthorTitle)	(iView:Credit)
(iView:Source)	(iView:Copyright)	(iView:Transmission)	(iView:Location)
(iView:City)	(iView:State)	(iView:Country)	(iView:CountryCode)
(iView:Writer)	(iView:Classification)	(iView:People)	(iView:Keywords)
(iView:Categories)	(iView:Caption)	(iView:IntellectualGenre)	(iView:Rights)
(iView:Label)	(iView:LabelTitle)	(iView:LabelColor)	(iView:Rating)
(iView:CreatorAddress)	(iView:CreatorCity)	(iView:CreatorCountry)	(iView:CreatorEmail)
(iView:CreatorPhone)	(iView:CreatorPostcode)	(iView:CreatorState)	(iView:CreatorURL)
(iView:Scene)	(iView:Status)	(iView:SubjectReference)	
<b>Custom fields:</b> User-defined custom field tags are replaced by content stored with each media item. Note that the "Field_X" (where X is 1 to 16) must be used even if user field labels in the referring catalog have a custom name.			
(iView:Field_1)	(iView:Field_2)	(iView:Field_3)	(iView:Field_4)
(iView:Field_5)	(iView:Field_6)	(iView:Field_7)	(iView:Field_8)
(iView:Field_9)	(iView:Field_10)	(iView:Field_11)	(iView:Field_12)
(iView:Field_13)	(iView:Field_14)	(iView:Field_15)	(iView:Field_16)
<b>EXIF fields:</b> Digital camera related fields, replaced by content stored with each media item in the catalog.			
(iView:Maker)	(iView:Model)	(iView:Software)	(iView:Format)
(iView:ExifVersion)	(iView:FocalLength)	(iView:CaptureDate)	(iView:ShutterSpeed)
(iView:Aperture)	(iView:ExposureBias)	(iView:ExposureProgram)	(iView:Flash)
(iView:FocusDistance)	(iView:Sensing)	(iView:LightSource)	(iView:Longitude)
(iView:MeteringMode)	(iView:ISOSpeed)	(iView:Lens)	(iView:Altitude)
<b>Miscellaneous</b>			
(iView:Date)	The date of creation of the web gallery.		
(iView:Time)	The time of creation of the web gallery.		
(iView:WordIndex)	Localized (foreign language) word for "Index".		
(iView:WordNext)	Localized (foreign language) word for "Next".		
(iView:WordPrevious)	Localized (foreign language) word for "Previous".		
(iView:HTMLCharset)	The character set defined in the Settings panel (only in versions prior to MediaPro 3).		
<b>Environmental</b>			
(iView:BackgroundColor)	The background color of the current view.		
(iView:LinkColor)	The link color of the current view.		
(iView:TextBackColor)	The background color of the current text panel		
(iView:TextColor)	The color of the current text label		