

## IES REPORT WRITERS: Standard HTML Headers

### Introduction

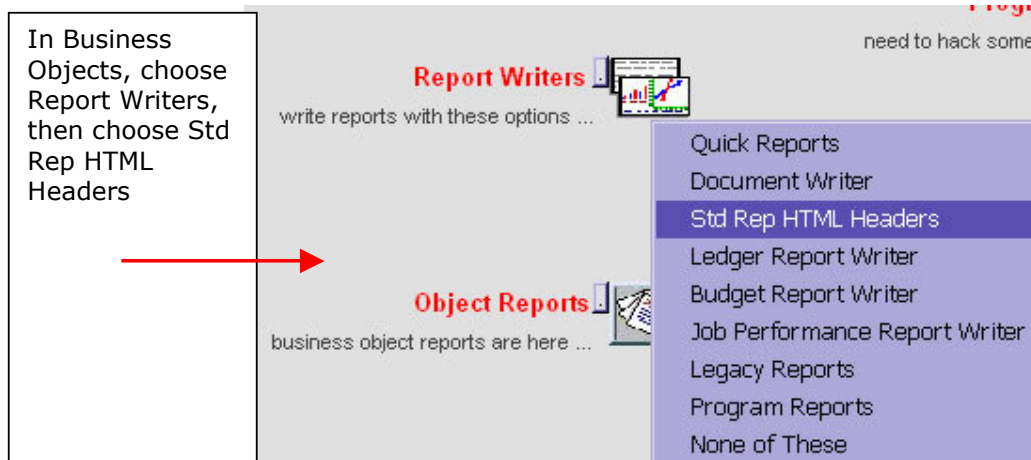
A Standard HTML Header is a template used by IES to wrap Text Report output onto. If you have ever done an MS Word Template, then you will understand immediately what this is about.

Among the multiple Report Writers in IES, the Document Writer is the exclusive one that produces HTML specifically, but all the Report Writers have the capability to produce HTML Reports as a final output choice. Therefore, IES will intercept the standard Text Output from the other Report Writers, and 'wrap' it into HTML by using an HTML Header.

An HTML Header is thus a template of HTML that may include your Company logo and header detail, and may include the graphics that you require to be present on your Report output when the HTML output choice is selected by a User executing a Report in IES.

You can have up to 99 of these Headers in each DataMart, but more typically there are between 1 (the minimum) and 5. When there is more than 1 Header present, the User may choose which Header to use for a Report being executed.

### How to define an HTML Header for use in IES




The system will open the HTML Headers definition screen. The Key you choose should be in the range 01-99, and there is a lookup to retrieve existing Headers.

A Header always has a name to identify it by, and the ownership is usually stated as PUBLIC, which allows other Developers to work on it or maintain it.

There is always a universal Tag, usually '%repdata', which the system will recognize as the position where the Report Output will fit on the template. The on-line Help for this field states: -

The recommended standard is to use a Tag Name = "%repdata", but this is not forced.

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However, it is essential to use a Tag Name where the system will REPLACE the name with the entire Report Contents, and the TagName should appear within the HTML on a line by itself.

All that remains to discuss is the HTML itself. This is done with any HTML Editor of your choice, or you can simply copy the code from one of the standard headers inherent in IES, and adapt it for your own use. If the HTML is done with another Editor, you simply paste it into the HTML field.

Here is an example: -

Define Std Report Html Headers [1] (Save / Update : Active)

Header Key

### Standard HTML Report Headers

Name

Html

```
<html>
<head>
<meta http-equiv="Content-Language" content="en-us">
<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
<meta name="GENERATOR" content="Infolab">
<meta name="ProgId" content="Infolab.Editor.Document">
<title>Infolab</title>
</head>
<body style="background-image: url('images/infolab_logo2.jpg') link="#0000FF" vlink="#0000FF" a
<div align="center">
<table border="0">
<tr>
<td></td>
</tr>
<tr>
<td>
<div align="left">
<table border="0" width="300">
<tr>
<td align="left"><font face="Verdana" size="1"><a href="http://www.infolab.cc">www
<td align="right"><font face="Verdana" size="1"><a href="mailto:hello@infolab.cc">
</tr>
</table>
</div>
</td>
</tr>
</table>
</div>
</body>
</html>
```


Tagname

Owner

Once you have included the HTML in the IES definition screen, you should SAVE it, recall it, and PREVIEW it to ensure it displays correctly.

When the data shown above is previewed, it looks like this: -



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Notice the presence of the Tag (%repdata). When this Header is used for a Report, it may turn out like this: -



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Listboxes.

listboxes.....	Description.....	Sub To Call.....	Text Options.....	Result....
istop-template	HTML Template to Use	selprompts.template. opts		Index
a-trig-own	Trigger Ownership		System Self Other	Index
aco-catg	ACO Category		Concrete Pumping Placing Sand Stone	Index
aco-tax	Concrete Tax Objects	get.aco.tax		Index
alert-i-freq	Inspection Frequency		Daily Continuously Change	Index
alert-measure	Alerter Measure Value by		> (Greater Than) < (Less Than) >= (Greater or Equal)	Index

The Tag is no longer present, but the Report Data takes it's place.

### Using Images in the Header

Bear in mind that any Navigator session on any Desktop needs to have access to the Images that are used, and therefore any images used in the HTML needs to be specified with a universally accessible path (URL). The URL may be anywhere on the local network, but more typically the common logo images are stored within the Navigator operating path, inside the Infolab Folder structure, as follows: -

images/infolab\_logo2.jpg

Hint: Check the following path of a Navigator installation:

C:\infolab\info\_c\docs\My\images

Navigator will always produce it's Report Output to the \docs\My folder, and since \images are 'below' that, it will always find the image reference as specified in the example above, provided the image(s) are there.

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