**Report Properties**

**Options**

* **General**- Set general properties for the report.
* **Caching**- Specify caching options for this report.
* **Formatting**- Set the runtime configuration properties for the report.
* **Font Mapping** - Create font mappings for this report.
* **Currency Format** - Define currency formats for this report.

**General**

**Description**

* This is the description of the report.

**Run Report Online**

Used to view the report in online. If we want to use the below 4 options, this option must be enabled.

* **Show control**

Used to manage the display of refresh, parameters and view report option in the result page.

* **Allow Sharing report links**

It includes the share report link in the action menu.

Allow Sharing report links - used to get the report links.

* **Open links in new window**

Used to open the link within the report in the new window.

* **Auto run**

It automatically runs the report when the user click on the view report or the report link.

**Advanced**

* **Job Priority**

Used to assign priority for the reports as critical, normal and low (by default normal). It is used to schedule the report based on the priority. First In First Out method is used when all the reports having same priority.

* **Enable Bursting**

Used to enable bursting on the report. If it is disabled, we can’t schedule the report using bursting.

* **Ignore Email Domain Restrictions**

It is used to ignore the email domain set in the Allowed Email Recipient in the Delivery configuration page.

* **Report controlled by External application**

If this enabled, the report is controlled by the external application which is integrated with the publisher and we can’t able to run or view the report. Report is run by publisher and stored in the Publisher History Tables. Completed reports are viewed from the Report job history page.

* **Enterprise Scheduler Job Package Name**

Used for oracle fusion application implementation.

* **Enterprise Scheduler Job Definition Name**

Used for oracle fusion application implementation.

**Catching**

* **Enable data catching:(Default: not enabled)**

Data generated in online stored in cache when we run the same report with same parameter. It will not regenerate data from data source. It will take it from cache.

Caching Duration (Minutes): cache hold data for a specific time mentioned here.

* **User Level:(default:30 min)**

Separate cache for each user.

* **Document cache: (default:enabled)**

Cache report document.When user view report in online it stored in cache,when another user view the same document(with same parameter) in same online viewer it will take it from cache(user who viewed first) and it will not regenerate from source.cache holds data according to caching duration.

* **User Can Refresh Report Data:(default: not enabled)**

User clicks refresh in report viewer,BI publisher generate a fresh data set for the report.

**Formatting**

Used to set runtime properties at the report level. We can set the system level property from the administration page. Report level property having the highest priority.

**PDF Output**

* **Compress PDF output (true)**

Compress the output PDF file when downloaded.

TRUE (default) - 16KB

FALSE - 40KB

* **Hide PDF viewer's menu bars (false)**

Hide menu bar (export -> PDF) in standalone Acrobat Reader application outside of the browser.

* **Hide PDF viewer's tool bars (false)**

It will hide the toolbar option when document is active.

* **Replace smart quotes (true)**

Curly quotes are not replaced by straight quotes in PDF output.

* **Disable opacity and gradient shading for DVT chart**

It disables the opacity and gradient shadings in the PDF output.

* **Enable PDF Security (false)**

The output PDF file is encrypted.

**Properties under enable PDF security**

* **Open document password**

Password is required to open this document file.

* **Modify permissions password**

password enables users to override the security setting.

* **Encryption level: Default: 2 - high**

**The encryption level for the output PDF file. The possible values are:**

0: Low (40-bit RC4, Acrobat 3.0 or later)

1: Medium (128-bit RC4, Acrobat 5.0 or later)

2: High (128-bit AES, Acrobat 7.0 or later)

**When Encryption level is set to 0, you can also set the following properties:**

Disable printing

Disable document modification.

Disable context copying, extraction, and accessibility

Disable adding or changing comments and form fields.

**When Encryption level is set to 1 or higher, the following properties are available**

Enable text access for screen readers

Enable copying of text, images, and other content

Allowed change level

0: none

1: Allows inserting, deleting, and rotating pages

2: Allows filling in form fields and signing

3: Allows commenting, filling in form fields, and signing

4: Allows all changes except extracting page.

Allowed printing level

0: None

1: Low resolution (150 dpi)

2: High resolution

* **Disable document modification**

Permission available when &quot;Encryption level&quot; is set to 0. When set to &quot;true&quot;, the PDF file cannot be edited.

* **Disable printing**

Permission available when &quot;Encryption level&quot; is set to 0. When set to &quot;true&quot;, printing is disabled for the PDF file.

* **Disable adding or changing comments and form fields**

Permission available when &quot;Encryption level&quot; is set to 0. When set to &quot;true&quot;, the ability to add or change comments and form fields is disabled.

* **Disable context copying, extraction, and accessibility**

Permission available when &quot;Encryption level&quot; is set to 0. When set to &quot;true&quot;, the context copying, extraction, and accessibility features are disabled.

* **Enable text access for screen readers**

Permission available when &quot;Encryption level&quot; is set to 1 or higher. When set to &quot;true&quot;, text access for screen reader devices is enabled.

* **Allowed printing level**

Permission available when &quot;Encryption level&quot; is set to 1 or higher. Valid values are:

0: None

1: Low resolution (150 dpi)

2: High resolution

* **PDF Navigation Panel Initial View**

Controls the navigation panel view presented when a user first opens a PDF report.

The following options are supported:

 Panels Collapsed - displays the PDF document with the navigation panel

collapsed.

 Bookmarks Open (default) - displays the bookmark links for easy navigation.

 Pages Open - displays a clickable thumbnail view of each page of the PDF.

**HTML FORMATTING**

* **Show header**

It suppress the template header in HTML output when set to false.

* **Show footer**

It suppress the template footer in HTML output when set to false.

* **Replace smart quotes**

Set to "false" if you don't want curly quotes replaced with straight quotes in the HTML output.

* **Character set**

It Specify the output HTML character set. (EX:UTF-8)

* **Make HTML Output accessible**

Set to "true" to make the HTML output accessible.

* **Use percentage width for table columns**

It is useful if the browser display tables with extremely wide columns. Setting this property to true improves the readability of the tables.

* **View Paginated**

When you set this property to true, HTML output will render in the report viewer with pagination features. These features include:

* Generated table of contents
* Navigation links at the top and bottom of the page
* Ability to skip to a specific page within the HTML document
* Search for strings within the HTML document using the browser's search capability
* Zoom in and out on the HTML document using the browser's zoom capability

Note that these features are supported for online viewing through the report viewer only.

* **Reduce Padding in Table-cell**

When we set true to this property, it displayed without padding, which maximizes the page space available for text.

* **Embed images and charts in HTML for offline viewing**

When we set true, charts and images are embedded in the HTML output, We can view in offline.

* **Use SVG for Charts**

When we set this property to true, charts display as a SVG (Scalable Vector Graphic) to provide a higher resolution in the HTML output.

Otherwise, charts display as a raster image.

* **Keep original table width**

When we set true to this property, the original width of the table is maintained.

* **HTML and CSS embedding**

This property consists of embedded css in html header, External css file, embedded css in html element

* **Enable horizontal scrollbar automatically for html table**

When you set this property to true, a horizontal scroll bar is added to a table.

* **Enable html table column size auto adjust**

When we set true to this property, column widths in a table are automatically adjusted to the size of the browser window.

**RTF Template**

* **Extract Attribute Sets**

It is used to extract attribute set within the XSL -FO. It has 3 options listed below.

Enable - Extract all from Templates and Sub-templates.

Auto (Default) - Extract only from Templates.

Disable - Do not extract attribute sets.

* **Enable XPath Rewriting**

RTF processor automatically converts all the XML tag names full XPath notations during the conversion of RTF template to XSL - FO. Make the option false to disable this property.

* **Character used for checkbox**

Used to represent the checkbox during the PDF output which include a glyph.

**XPT Template Properties**

* **Enable Asynchronous mode for interactive output**

True - Interactive report makes asynchronous calls to Oracle WebLogic Server.

False - Interactive report makes synchronous calls to Oracle WebLogic Server which limits number of calls and any calls are expired in 600 sec.

* **XPT Scalable mode**

True - Scheduled reports runs without memory issues as it stores first 100000 rows in memory and remaining in file system.

False - It raise memory issue as it only uses the in-memory.

**PDF Form Templates**

* **Remove PDF fields from output**

Remove PDF fields from output and we can’t extract data from the fields. For repeating fields it must be true and we can’t able to change it to false.

* **Set all fields as read only in output**

True - Read only for the fields in output.

False - Updatable for the fields in output.

* **Maintain each field’s read only setting**

Enable to maintain read only setting for each fields.

**Excel Template properties**

* **Enable Scalable mode**

Used to solve the memory issue by making multiple sheets when more than 65000 rows (max in MS Excel) are used in the report.

**Flash Template Properties**

* **Page width of wrapper document**

Width of the PDF output document in points.

* **Page height of wrapper document**

Height of the PDF output document in points.

* **Start x position of flash area in PDF**

Beginning horizontal position of the flash object in the PDF document in points.

* **Start y position of flash area in PDF**

Beginning vertical position of the flash object in the PDF document in points.

* **Width of flash area**

Width of the document area of the flash objects.

* **Height of flash area**

Height of the document area of the flash objects.

**CSV Output properties**

* **CSV Delimiter**

Specifies the character used in the comma separated value output.

* **Remove trailing and leading white space**

If true, it removes the white spaces in the data and delimiter.

**EXCEL 2007 Output**

* **Show grid lines**

If we set true, it shows the excel table grid lines in the report output.

* **Page break as a new sheet**

When we set true to this property, it generates a new sheet in the Excel

workbook.

* **Minimum column width**

When the column width is less than the specified minimum and it contains

no data, the column is merged with the preceding column.

The value must be set in points. The valid range for this property is 0.5 to

20 points.

* **Minimum row height**

When the row height is less than the specified minimum and it contains no

data, the row is removed.

The value must be set in points.

The valid range for this property is 0.001 to 5 points.

* **Keep values in same column**

When we set true, it minimize column merging.

* **Open password**

In this property to specify the password that the users must provide to open any XLS output file.

* **Table Auto Layout**

Here we Specify a conversion ratio in points and a maximum length in

points, Example 6.5,150

 For this property &quot;Keep values in same column&quot; must be set to True.

 It expands the table column width to fit the contents.

 The column width is expanded based on the character count and

conversion ratio up to the maximum specification.

**ETEXT OUTPUT**

* **Add UTF-8 BOM Signature**

When set to true, the Etext output is in UTF-8 Unicode with BOM(BYTE

ORDER MARK) format.

**Font Mapping**

You can map base fonts in RTF or PDF templates to the target fonts to be used in the published document. Font mapping is performed only for PDF PowerPoint output.

**Types of Font Mappings**

* **RTF Templates**

For mapping fonts from RTF templates and XSL-FO templates to PDF and

PowerPoint output fonts.

* **PDF Templates**

For mapping fonts from PDF templates to different PDF output fonts.

* **Make Fonts Available to Publisher**

Publisher provides a set of Type1 fonts and a set of TrueType fonts.

You can select any of the predefined fonts as a target font with no additional setup required.

The predefined fonts are located in &lt;oracle\_home&gt;/oracle\_common/internal/ fonts. If you want to map

to another font, then you must place the font in this directory to make it available to Publisher at runtime. If the environment is clustered, then you must place the font on every server.

* **Set Font Mapping at the Site Level or Report Level**

A font mapping can be defined at the site level or the report level.

Use the following settings to set the font mapping:

To set a mapping at the site level, select the Font Mappings link from the Admin page.

To set a mapping at the report level, select the Configuration link for the report, then select the Font Mappings tab. These settings apply to the selected report only.

The report-level settings take precedence over the site-level settings.

* **Create a Font Mapping**

From the Admin page, under Runtime Configuration, select Font Mappings.

* **To create a Font Mapping:**

Under RTF Templates or PDF Templates, select Add Font Mapping.

Enter the following on the Add Font Mapping page:

Base Font - enter the font family that is mapped to a new font. Example: Arial

Select the Style: Normal or Italic (Not applicable to PDF Template font mappings)

Select the Weight: Normal or Bold (Not applicable to PDF Template font mappings)

Select the Target Font Type: Type 1 or TrueType

Enter the Target Font

If you selected TrueType, then you can enter a specific numbered font in the collection. Enter the TrueType Collection (TTC) Number of the desired font.

For a list of the predefined fonts, see Publisher&#39;s Predefined Fonts.

NOTE: we can also include new barcode fonts, with the existing Barcode fonts.

**Currency Format**

Used to map a number format mask to a specific currency so that reports can display multiple currencies with their own corresponding formatting. Currency formatting is only supported for RTF and XSL-FO templates.