

New: Oracle BI Publisher 12c Release 12.2.1.4 is available!

With great new features...

For Report Authors

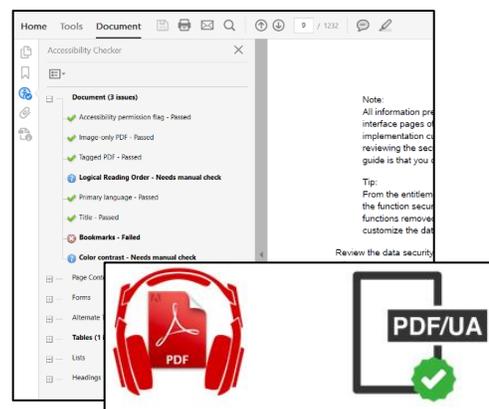
New Barcodes - QR Code & PDF417



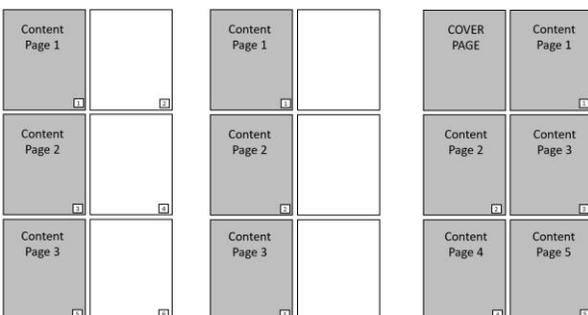
BI Publisher ships with UPC/EON, Code 128 and BC 3of9 barcodes. Now it also supports QR Code and PDF417 barcodes. You just include the code syntax to add these barcodes in the RTF Template and you can use these interactive barcodes in a variety of business documents. PDF417 is popular in logistics and airline industry while QR codes are popular in consumer advertising, marketing collaterals, mobile payments, product catalogs, etc.

Accessible PDF Reports

Now you can create accessible Tagged PDF and PDF/UA-1 as report outputs where in a visually impaired user can use screen readers to read the report. Following the existing guidelines to create accessible layout, the accessible PDF reports allow keyboard based navigation maintaining the reading order.



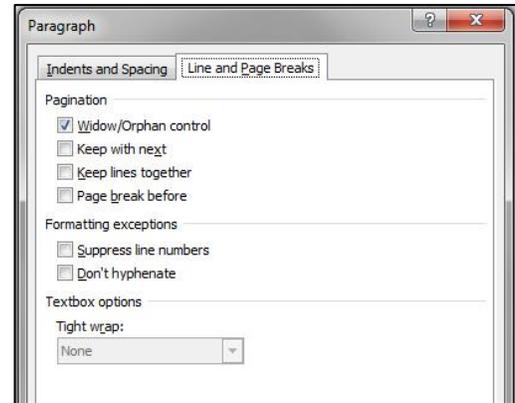
Pagination Enhancements



Often we have requirements in collaterals, legal contracts, or statements where we like to keep first page as cover page and start page numbering after the cover page. Sometimes we want to keep alternate pages blank, it could be odd or even page, but we do not want to count those pages in our page numbering. Such specific pagination requirements are now possible with these enhancements.

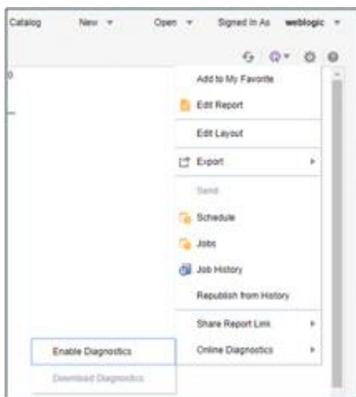
Keeping Text Together in a Page using Widow/Orphan MS Word Feature

Widow/Orphan refers to one or two lines of text spilled over to next page. Widow is the last one or two lines of a paragraph that rolls over to the next page and Orphan is the first one or two lines of a paragraph that starts at the bottom of a page. Word allows you to control these Widows or Orphans in the document by selecting this pagination attribute for a paragraph. Now BI Publisher supports this property to control such Widows or Orphans in your report.



For Administrators

Enable Diagnostic Log for Online Reports



BI Publisher allows Administrators to enable generation of Diagnostic Log for Scheduled Jobs and these logs include SQL Explain Plan, Data Engine Log and Report Processing Log. However, many a times we find reports viewed online have performance issues. Now Administrators can even generate diagnostic log for online reports from Report Viewer page itself. This will improve and expedite the troubleshooting of online report issues.

Purge Job History Data

Scheduler tables store all your report metadata, data and even your reports. If size of data and reports being stored are large, you will see the database storage quickly bloating up and you may have to purge data at regular intervals to manage the database storage. Now Administrators can purge the data from BI Publisher Admin page itself.



Memory Guard Enhancements for Bursting

Memory Guard rails are in place to restrict JVM memory usage in a way that it does not adversely affect the report performance or server stability. Bursting can now be configured separately and a larger data size limit can be allotted as Bursting can process larger data set as it splits the data before rendering the report.

Memory Guard	
Maximum report data size for online reports	200MB
Maximum report data size for offline (scheduled) reports	500MB
Maximum report data size for bursting reports	Maximum report data size for offline (scheduled) reports
Free memory threshold	500MB
Maximum report data size under the free memory threshold	free_memory_threshold/10
Minimum time span between garbage collection runs	200 (seconds)
Maximum wait time for free memory to come back above the threshold value	30 (seconds)
Timeout for online reports	535 (seconds)
Maximum rows for CSV output	1000000

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