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Subject: RADICORE v2.29.0 released  
Posted by [AJM](#) on Sat, 27 Jul 2024 15:59:50 GMT  
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This update includes a new option in PDF processing as well as fixing a few minor bugs.

Database changes:

- none

Other changes:

updated std.pdf.class.inc to allow the `fill_alternate` option when using the `multiN` zones in the detail view.

fixed bug in dml.oracle.inc to ensure that a column mentioned in the ORDER BY list is mentioned in the SELECT list.

fixed bug in dml.pgsql.inc to ensure that `$group_str`, when non-blank, contains `GROUP BY` as the leading text in the string.

fixed bugs in dml.mysql.inc and dml.sqlsrv.inc which failed to display the correct error message if it could not connect to the server for some reason.

updated include.library.inc so that the `getMicroTime()` function uses the `hrtime()` function (if it is available) instead of `microtime()`.

updated std.table.class.inc to deal with certain calls to internal functions which no longer accept null as an empty string or number.

ensured that all subsystems have valid and up-to-date scripts in the sq/oracle and sql/sqlsrv directories.

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