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REX Suite version 3.0
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This document summarizes important additions in REX Suite 3.0
Additions are documented since REX Suite 2.9

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1. New Features

In REX 3.0, the main focus has been on the underlying software components and using advances in database technology to facilitate faster deployment. REX 3.0 features a new database engine (Sql LocalDB 2012). With this, the database installation time is reduced substantially and computer restarts are not needed.

The new installer improves user experience. Pre-requisites are checked first and a unified screen allows you clearly see the progress of the installation. Licensing is integrated, and you may now enter licensing information at the end of the installation. Furthermore, in case of failure, it allows you to automatically send a report with the installation logs.

The project management code was rewritten for efficiency. On average, Project import is 1.5x faster while project export is 4.5x faster.

A new REX Library with additional reaction sets is incorporated in this version. In REX Library, the code for the Reaction set import and export was also rewritten to improve performance.

The Run->Solution Options->Bounds node was redesigned in both Estimation and Optimization modes to facilitate easier data entry.

The formula in the preview panes for Pseudo-compounds, Derived Quantities, Parameter and Order Relationships were improved.

Visualization of the optimization objective function expression is provided in a preview pane.

A new comprehensive set of examples (besides the simple ones already in the REX installation) are now provided on the Optience Website. You may use these examples as a starting point for your project or learning about REX features (http://www.optience.com/rex/software/examples/index.asp)

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2. Changes and Bug fixes

In addition to the above, this version also includes improvements to the installation and minor bug fixes.