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REX Suite version 3.6
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This document summarizes important additions in REX Suite 3.6
Additions are documented since REX Suite 3.5

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1. New Features

CONOPT4 is the default solver. CONOPT3 is still available in the Solution Options menu.

In the Results node, you may now select whether to show the phase values of compounds as concentrations, moles or partial pressure. The selected option applies to the phase values in Model Data Comparison, Custom View, Profile nodes and the Excel report. The selection can be made by right clicking on the Results node.

This is useful for multiphase (and membrane) reactors when you wish to see the molar amounts (instead of concentrations) in each phase.

In Estimation->Results->Parameters, the value of the rate constant evaluated at average temperature is now displayed for easy comparison.

For membrane reactors, an improved automatic scaling is implemented to avoid infeasibilities.

The Estimation->Results->Profiles->Sets node was upgraded to allow for faster data visualization.

When experimental data points are modified using the *Remove Gaps* or *Sort data* option in the Measurements node, the Results tree is cleared.

In some cases after a Windows Update, we have seen that the REX Database and extended procedures do not get reattached. In REX 3.6, this situation is automatically detected and resolved.

Infrastructure changes are included for modernizing REX in future versions. Microsoft.NET 4.5.2 is required and the installer automatically ensures that this condition is met.

2. Changes and Bug fixes

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