

最新リリース2007Bの修正版 2007B.1 のお知らせ

今回、Xpress-MP2007B.1 リリースは次のソフトウェアが修正されました。

Xpress-Optimizer	18.10.04	Xpress-BCL 3.0.6
Xpress-Mosel	2.2.1	Xpress-SLP 1.38
XAD	1.1.3	

今回のパッチは2007Bをインストールした場合にのみ適用してください。
この修正をインストールする場合、Xpress - MP2007Bを開いて、zip fileにある該当するファイルを上書きしてください。

2007B.1 は下記の修正及び追加をしました。

- Optimizer: A problem with presolve not detecting infeasible linearly dependant rows has been fixed.
- Optimizer: A problem with dual infeasible free variables when optimizing with dual simplex has been fixed.
- Optimizer: A problem with primal cycling has been fixed.
- Optimizer: The efficiency of the delayed row handling has been improved.
- Optimizer: The efficiency of the branching has been improved when setting SBITERLIMIT to 0.
- Optimizer: The LP reader can now handle Mosel exported files with names containing spaces which are enclosed in brackets.
- Optimizer: A problem which could cause parallel MIP to not be threadsafe has been fixed.
- Optimizer: XPRSgetlasterror now returns more informative messages when readprob fails.
- Optimizer: Improved performance when adding many names singularly.
- Optimizer: A problem with certain types of models within parallel MIP has been fixed.
- Optimizer: A problem with spare rows/columns has been fixed.

- BCL: Replacement of deprecated Optimizer IIS functions.

- XAD: New XAD_EVENT_MOUSE_LEFTDBLCLK and XAD_EVENT_MOUSE_RIGHTDBLCLK added.
- XAD: Better downscaling algorithm results in improved image quality when shrinking

images.

- Mosel: Update: 'exportprob' adds the 'OBJSENSE' section in MPS files when EP_MAX is used.
- Mosel: Update: 'exportprob' now generates names according to the 'strip' option even if names are already available.
- Mosel: Windows Fix: A problem with the handling of line termination has been fixed.
- Mosel: Fix: Module types used in packages are now always public.
- Mosel: mmoci: Parameter OCicolsize is no longer limited to 1024.
- Mosel: mmodbc: Parameter 'SQLcolsize' is no longer limited to 1024.
- Mosel: mmodbc: Excel IO driver: select the "used range" when specifying a sheet name only (used to select [A1:A1]).
- Mosel: mmodbc: Excel IO driver: it is now possible to select columns in a range using names (with 'skiph') or column numbers.
- Mosel: mmodbc fix: Excel driver: cannot initialise 1 cell of an array from a single Excel cell.
- Mosel: mmquad: Added support for OBJSENSE tag in MPS files.
- Mosel: mmquad: New procedure exportprob(string,qobj) (<=> exportprob(0,string,qobj)).
- Mosel: mmxprs: New procedure 'defdelayedrows'.
- Mosel: mmxprs: New procedure writeprob(string,string,string) to save both matrix and directives via the optimiser functions.

- SLP: XSLP_UNCONVERGED now returns -1 prior to the beginning of the solve.

- XPRL: Improved handling of hardware virtualised by Microsoft Virtual PC/Virtual Server.