

Fixed Bugs in FEFLOW Version 6.0

List of fixed bugs in FEFLOW version 6.0 (May 2010)

Each item in the list contains the following information:

| | |
|----------------------------------|--|
| NUMBER: | (running index) |
| DATE: | (date of first report) |
| NOTIFIED BY: | (person, institution) |
| IMPORTANCE: | (0-none, 1-small, 2-medium, 3-high, 4-severe) |
| DESCRIPTION: | (formal description) |
| WORKAROUND: | (how to work around indicated bug, if possible) |
| LOCATION: | (context, files, functions, data, etc.) |
| FIXED IN WORKING VERSION: | (if repaired indicates the patch version number) |
| FIXED BY: | (abbreviated name, date) |

hjd – Hans-Jörg G. Diersch
rgr – Rainer Gründler
vcl – Volker Clausnitzer
oar – Olaf Arndt
vmy – Volodymyr Myrnyy

| | |
|--------------------------|--|
| NUMBER: | 1 |
| NUMBER: | 1 |
| DATE: | May 01, 2010 |
| NOTIFIED BY: | Wolfgang Gossel, Martin Luther University, Halle-Wittenberg, Germany |
| IMPORTANCE: | 3 |
| DESCRIPTION: | FEFLOW cannot load binary DAC files larger than 2.5 GB. |
| WORKAROUND: | The ASCII format can be used alternatively (might be slow). |
| FIXED IN VERSION: | 6.0.1 |
| FIXED BY: | rgr, 05/08/10 |
| NUMBER: | 2 |
| DATE: | May 02, 2010 |
| NOTIFIED BY: | Volodymyr Myrnyy, DHI-WASY GmbH, Berlin, Germany |
| IMPORTANCE: | 3 |

Custom user units are applied twice in diagrams of FEFLOW Standard.

DESCRIPTION:

In diagrams FEFLOW applies custom unit conversion twice.

WORKAROUND:

Using standard units.

FIXED IN VERSION:

6.0.1

FIXED BY:

rgr, 05/08/10

NUMBER:

3

DATE:

May 02, 2010

NOTIFIED BY:

Julia Mayer, DHI-WASY GmbH, Berlin, Germany

IMPORTANCE:

1

DESCRIPTION:

FEFLOW Standard can crash when refining quadrilateral 3D meshes.

WORKAROUND:

Use FEFLOW Classic.

FIXED IN VERSION:

6.0.1

FIXED BY:

rgr, 05/08/10

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 4
DATE: May 02, 2010
NOTIFIED BY:
Volker Clausnitzer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Multispecies transport parameters are not properly initialized when changing the FEM problem class.
WORKAROUND:
Using FEFLOW Classic or initialize affected parameters manually.
FIXED IN VERSION: 6.0.1
FIXED BY: rgr, 05/08/10

NUMBER: 5
DATE: May 4, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Referring to internal supermesh maps in FEM view components FEFLOW can crash with a "pure virtual function call" when closing the document.
WORKAROUND:
Load supermeshes as external maps.
FIXED IN VERSION: 6.0.1
FIXED BY: rgr, 05/10/10

NUMBER: 6
DATE: May 10, 2010
NOTIFIED BY:
C. Braun, Bjoernsen Consulting Engineers, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW crashes in the license dialog when selecting All Licenses page in DEMO mode.
WORKAROUND:
Avoid this page or use external DHI-WASY License Administration.
FIXED IN VERSION: 6.0.1
FIXED BY: rgr, 04/20/10

NUMBER: 7
DATE: May 12, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW displays a wrong parameter unit for Darcy Fluxes in horizontal 2D models ([m/d] instead of [m²/d]).
WORKAROUND:
Don't use unit translation and interpret results as [m²/d].
FIXED IN VERSION: 6.0.1
FIXED BY: rgr, 05/17/10

NUMBER: 8
DATE: May 17, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW crashes when stopping the simulation while having saturation or moisture content parameter visualized.
WORKAROUND:
Select a different parameter for visualization before stopping the simulation.
FIXED IN VERSION: 6.0.1
FIXED BY: rgr, 05/17/10

NUMBER: 9
DATE: May 18, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
It is not possible to start supermesh design with single points (the supermesh view becomes unusable).
WORKAROUND:
Start design with polygons or lines.
FIXED IN VERSION: 6.0.1
FIXED BY: vcl, 05/18/10

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 10
DATE: May 20, 2010
NOTIFIED BY:
Olaf Arndt, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Export of 3D elemental features produces incorrect data. Export of pathlines and B.C. constraints was missing.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.2
FIXED BY: oar, 06/03/10

NUMBER: 11
DATE: May 21, 2010
NOTIFIED BY:
Junfeng Luo, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Relocation of missing maps fails for formerly connected but later unconnected network drives.
WORKAROUND:
Ensure existing network drives or remove and add maps again.
FIXED IN VERSION: 6.0.2
FIXED BY: oar, 06/03/10

NUMBER: 12
DATE: May 22, 2010
NOTIFIED BY:
Alexander Renz, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
In the problem settings editor, an alert box erroneously reports that thermohaline transport is not available for unconfined 3D models.
WORKAROUND:
Ignore the alert box.
FIXED IN VERSION: 6.0.2
FIXED BY: vmy, 05/31/10

NUMBER: 13
DATE: May 23, 2010
NOTIFIED BY:
Junfeng Luo, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
The fix of bug #5 causes FEFLOW to crash when loading FEM files referring to internal supermesh maps.
WORKAROUND:
Use supermeshes as external maps.
FIXED IN VERSION: 6.0.2
FIXED BY: oar, 05/28/10

NUMBER: 14
DATE: May 27, 2010
NOTIFIED BY:
Peter Sorjonen-Ward, Geological Survey, Finland
IMPORTANCE: 1
DESCRIPTION:
FEFLOW crashes when undoing enrichment of FEM problems containing reference distributions.
WORKAROUND:
Use derefinement rather than undoing of refinement.
FIXED IN VERSION: 6.0.2
FIXED BY: rgr, 06/03/10

NUMBER: 15
DATE: June 3, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW may crash when undoing deleting of elements in FEM problems containing node/element selections.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.2
FIXED BY: vcl, 06/03/10

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 16
DATE: June 10, 2010
NOTIFIED BY:
Dietmar Schäfer, GCI GmbH, Königs-Wusterhausen, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW hangs if attempting to create reference distributions when the simulator is not stopped.
WORKAROUND:
Create reference distributions only if the simulator is stopped.
FIXED IN VERSION: 6.0.2
FIXED BY: rgr, 06/10/10

NUMBER: 17
DATE: July 13, 2010
NOTIFIED BY:
Jochen Huber, BFM Umwelt-Beratung-Forschung-Management GmbH, Augsburg, Germany
IMPORTANCE: 1
DESCRIPTION:
Invalid visualization of raster maps in FEFLOW Standard 3D view.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.3
FIXED BY: oar, 07/17/10

NUMBER: 18
DATE: July 22, 2010
NOTIFIED BY:
Christopherus Braun, Björnsen Beratende Ingenieure GmbH, Koblenz, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW Standard can crash while using DXF maps with splines.
WORKAROUND:
Use FEFLOW Classic for this task.
FIXED IN VERSION: 6.0.3
FIXED BY: rgr, 08/02/10

NUMBER: 19
DATE: August 2, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW Standard can crash when attempt to refine meshes containing Discrete Feature Elements.
WORKAROUND:
Use FEFLOW Classic for this task.
FIXED IN VERSION: 6.0.3
FIXED BY: rgr, 08/05/10

NUMBER: 20
DATE: August 3, 2010
NOTIFIED BY:
Peter Schätzl, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Crash while closing FEFLOW Standard super mesh view.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.3
FIXED BY: oar, 08/05/10

NUMBER: 21
DATE: August 5, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW Standard can crash during undo changes of 3D layer configurator and displaying reference distributions.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.3
FIXED BY: vmy, 10/05/10

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 22
DATE: August 12, 2010
NOTIFIED BY:
Dietmar Schäfer, GCI GmbH, Königs-Wusterhausen, Germany
IMPORTANCE: 1
DESCRIPTION:
Formula based material parameter might be lost during problem class changes.
WORKAROUND:
Use FEFLOW Classic for this task.
FIXED IN VERSION: 6.0.3
FIXED BY: rgr, 08/12/10

NUMBER: 23
DATE: August 13, 2010
NOTIFIED BY:
Dietmar Schäfer, GCI GmbH, Königs-Wusterhausen, Germany
IMPORTANCE: 1
DESCRIPTION:
3D line maps with only two vertices are not drawn in the FEFLOW Standard 3D view and vertical 3D lines are not drawn in 2D views.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.3
FIXED BY: oar, 08/13/10

NUMBER: 24
DATE: August 20, 2010
NOTIFIED BY:
Marco Hornbogen, UFZ Leipzig, Germany
IMPORTANCE: 1
DESCRIPTION:
Valid for unsaturated problems with Newton option of iteration:
If the time stepping method is changed from the (default) predictor-corrector method to a constant or varying time-step method, the Newton option is not reset to the Picard iteration method and the simulation crashes.
WORKAROUND:
Set Picard iteration explicitly before changing time stepping scheme.
FIXED IN VERSION: 6.0.4
FIXED BY: hjd, 08/23/10

NUMBER: 25
DATE: August 25, 2010
NOTIFIED BY:
Wolfram Rühaak, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW may crash if nonsolid polygon styles are enabled.
WORKAROUND:
Enable solid polygon style.
FIXED IN VERSION: 6.0.4
FIXED BY: oar, 08/26/10

NUMBER: 26
DATE: September 13, 2010
NOTIFIED BY:
Clifford Ndiweni, Sandton, South Africa
IMPORTANCE: 1
DESCRIPTION:
PNT files cannot be converted to observation points or location sets.
WORKAROUND:
Convert PNT file to different point format.
FIXED IN VERSION: 6.0.4
FIXED BY: oar, 09/13/10

NUMBER: 27
DATE: September 28, 2010
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW crashes when starting the simulator immediately after remeshing the supermesh.
WORKAROUND:
Save and reload the new FEM file.
FIXED IN VERSION: 6.0.5
FIXED BY: rgr, 09/28/10

NUMBER: 28
DATE: October 14, 2010

NOTIFIED BY:

Peter Schätzl, DHI-WASY GmbH, Berlin, Germany

IMPORTANCE: 1

DESCRIPTION:

There are specific *head-constrained transfer boundary conditions* for flow as described in White Papers Vol. I, Sect. 14, where boundary fluxes can be constrained by h^{min} or h^{max} values. For instance, the minimum test is:

The boundary condition $h^R(t)$ is valid if the computed head h is in the bound $h > h^{min}(t)$ else $q_n = -\Phi(h^R - h^{min})$.

However, it is obvious that this condition is only applicable if $(h^R - h^{min}) \geq 0$ (i.e., q_n has to be an influx, negative sign), otherwise the constraint is ignored.

A similar conditions is used for the maximum test: The boundary condition $h^R(t)$ is valid if the computed head h is in the bound $h < h^{max}(t)$ else $q_n = -\Phi(h^R - h^{max})$. It is obvious that this condition is only applicable if $(h^{max} - h^R) \geq 0$ (i.e., q_n has to be an outflux, positive sign), otherwise the constraint must be ignored.

WORKAROUND:

Don't use $h^R < h^{min}$ or $h^R > h^{max}$ for this type of BC constraints in flow.

FIXED IN VERSION: 6.0.5

FIXED BY: hjd, 10/14/2010

NUMBER: 29
DATE: October 15, 2010
NOTIFIED BY:

Fabrice Compere, Etudes Recherches Matériaux, Poitiers, France

Ioannis Papanikos, G. Karavokyris and Partners, Greece

IMPORTANCE: 1

DESCRIPTION:

For numerical stability, stepwise constant time steps have been realized by a slope of 89.999 degrees (absolute values of power functions values (e.g., pump rate) vs. time in days). This can lead to long slopes in case of very large power functions values (e.g., $> 100000 \text{ m}^3/\text{d}$). With the fix, the slope is defined using normalized values and therefore independent of absolute values.

The criterion to limit the time-step length during the period of the slope has been changed from an absolute to a relative expression as well to prevent unnecessary reduction in the time-step length.

WORKAROUND:

Use polylined mode instead of stepwise constant mode and form the slope manually.

FIXED IN VERSION: 6.0.5

FIXED BY: rgr, 10/25/2010

NUMBER: 30
DATE: November 24, 2010

NOTIFIED BY:

Stefan Hülmeier, Dr. Blasy - Dr. Øverland Beratende Ingenieure GmbH & Co. KG, Eching, Germany

IMPORTANCE: 1

DESCRIPTION:

Moving map items or map groups in the FEFLOW 6.0 standard GUI duplicates the corresponding entry. Subsequent tries to delete the duplicate entry crashes FEFLOW.

WORKAROUND:

Avoid deletion of duplicate items and save and reopen the model instead.

FIXED IN VERSION: 6.0.5

FIXED BY: oar, 11/24/2010

NUMBER: 31
DATE: January 05, 2011

NOTIFIED BY:

Kerstin Kernbach, AQUASOIL GmbH, Berlin, Germany

IMPORTANCE: 1

DESCRIPTION:

Using 3D models with (and only with) phreatic (free surface) condition (fixed mesh) and flow boundary conditions constrained by fluxes: In cases, where the elements fall dry, the boundary constraint condition can become invalid. This results from the fact that the constraint flux is deemed as an extraction (pumping) condition from a dry element which is not allowed. Actually, however, the constraint operates as a recharge (injection) condition and has not to be switched off.

WORKAROUND:

Use unsaturated flow option instead of phreatic condition.

FIXED IN VERSION: 6.0.6

FIXED BY: hjd, 01/05/2011

NUMBER: 32
DATE: January 18, 2011

NOTIFIED BY:

Hans-Joerg Diersch, DHI-WASY GmbH, Berlin, Germany

IMPORTANCE: 1

DESCRIPTION:

Borehole heat exchanger (BHE) simulation in 3D heat transport: Improvements have been incorporated for cases if BHEs have to be intermediately switched off and/or on. Both the BHE heat input rate and the BHE discharge (notation according to White Paper Vol. V) can be time- dependent functions. The BHE inlet temperature is given by $T_i = Q_h / (\rho^r c^r Q_r(t)) + T_0^R$, where T_0^R is the reference temperature. If $Q_h = 0$ the inlet temperature is $T_i = T_0^R$, i.e., the BHE is still operating provided $Q_r \neq 0$. A BHE is switched off only when $Q_r = 0$. In this case no inlet temperature is imposed anymore. Since $Q_h(t)$ and $Q_r(t)$ are specified via time-varying power functions it is important for the adaptive time step control that their relation $Q_h(t)/Q_r(t)$ must be consistent in time when BHE is switched off or on to avoid overshoots in the temporal inlet temperature T_i , when the discharge Q_r approaches to zero (or starting from zero). That means if Q_r goes down to zero, in that time Q_h must decrease proportionally and approach zero too. Similarly, the proportional relation is maintained when BHE is switched on. It has been shown to prefer polylined (instead of constant) curve types of power functions for $Q_h(t)$ and $Q_r(t)$ to obtain a clearly defined linear ramp of a time increment in which the curves approach zero or start from zero by using the same time stages in the polylined power functions of $Q_h(t)$ and $Q_r(t)$. To support a monotonic decrease (or increase) in T_i it can be useful to go down earlier in $Q_h(t)$ than in $Q_r(t)$ if the BHE is switched off and go somewhat delayed in $Q_h(t)$ than in $Q_r(t)$ if the BHE is switched on.

WORKAROUND:

FIXED IN VERSION: 6.0.6

FIXED BY: hjd, 01/20/2011

NUMBER: 33
DATE: February 01, 2011

NOTIFIED BY:

Julia Mayer, DHI-WASY GmbH, Berlin, Germany

IMPORTANCE: 1

DESCRIPTION:

FEFLOW can crash when starting a simulation directly after deleting finite elements.

WORKAROUND:

After deletion, save and reload the FEM file.

FIXED IN VERSION: 6.0.6

FIXED BY: rgr, 02/03/2011

NUMBER: 34
DATE: February 03, 2011

NOTIFIED BY:

Dietmar Schäfer, GCI GmbH, Königs-Wusterhausen, Germany

IMPORTANCE: 1

DESCRIPTION:

Export of material data using the shape file format leads to negative areas (wrong polygon orientation).

WORKAROUND:

Use FEFLOW Classic for this task.

FIXED IN VERSION: 6.0.6

FIXED BY: oar, 02/08/2011

NUMBER: 35
DATE: February 15, 2011

NOTIFIED BY:

Takuya Nomoto, Kyushu University, Fukuoka, Japan

IMPORTANCE: 1

DESCRIPTION:

Large time-dependent material lists were handled very memory consuming. The implemented approach tried to load all time stages of such a file. By default, only 4 stages remain in memory now.

WORKAROUND:

Use FEFLOW Classic for this task.

FIXED IN VERSION: 6.0.6

FIXED BY: rgr, 02/18/2011

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 36
DATE: March 01, 2011
NOTIFIED BY:
Alexander Renz, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
AVI export produces movies with missing frames if source view window is minimized at any time during rendering process.
WORKAROUND:
Do not minimize source view while movie is being rendered.
FIXED IN VERSION: 6.0.6
FIXED BY: vcl, 03/17/2011

NUMBER: 37
DATE: April 01, 2011
NOTIFIED BY:
Dietmar Schäfer, GCI GmbH, Königs-Wusterhausen, Germany
IMPORTANCE: 1
DESCRIPTION:
IFM Issues:
(1) On Win32, the IFM library provides two routines DllRegisterServer() and DllUnregisterServer() for comfortable registration via regsvr32 and in deployment projects.
(2) Visual Studio 2005 produces a compilation error in ifc_win32.c.
(3) After saving under a new file name, IfmGetProblemPath() returns the path of the loaded FEM problem file rather.
(4) IfmSetFinalSimulationTime() has no effect during a running simulation.
(5) Reloading of already active plug-ins causes a crash.
WORKAROUND:
FIXED IN VERSION: 6.0.6
FIXED BY: rgr, 04/07/2011

NUMBER: 38
DATE: April 05, 2011
NOTIFIED BY:
Felix Moehler, GCI GmbH, Königs-Wusterhausen, Germany
IMPORTANCE: 1
DESCRIPTION:
FEFLOW can crash when attempting to repair elevation conflicts very often.
WORKAROUND:
Repair elevation conflicts in multiple steps.
FIXED IN VERSION: 6.0.6
FIXED BY: oar, 04/07/2011

NUMBER: 39
DATE: June 06, 2011
NOTIFIED BY:
Chris Gabriel, AquaResource Waterloo, Canada
IMPORTANCE: 1
DESCRIPTION:
Bug fix #37 (3) caused to change the IFM document path when creating a DAC file. Now, the document path is only changed when the FEM file is saved under a new name.
WORKAROUND:
Query document prior PreSimulation().
FIXED IN VERSION: 6.0.7
FIXED BY: rgr, 06/09/2011

NUMBER: 40
DATE: June 14, 2011
NOTIFIED BY:
 Lynn Reid, CSIRO, Australia
IMPORTANCE: 1
DESCRIPTION:
 Darcy flux cannot be exported from view components panel.
WORKAROUND:
 Export Darcy flux from data panel.
FIXED IN VERSION: 6.0.7
FIXED BY: oar, 06/15/2011

NUMBER: 41
DATE: June 20, 2011
NOTIFIED BY:
 Junfeng Luo, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
 Vertical gaps appear in cross-section views wherever a segment of the cross-sectional line is fully enclosed in the XY-plane by a finite element.
WORKAROUND:
 Avoid small segments when defining the cross-sectional line.
FIXED IN VERSION: 6.0.7
FIXED BY: vcl, 06/23/2011

NUMBER: 42
DATE: September 02, 2011
NOTIFIED BY:
 Hans-Joerg Diersch, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
 For borehole heat exchanger (BHE) modeling with the analytical (Eskilson & Claesson) method an additional test has been implemented to avoid inconsistent (negative) intergrout thermal resistances for 2U and 1U pipe configurations.

WORKAROUND:
 Edit the computed (proposed) intergrout thermal resistances.
FIXED IN VERSION: 6.0.8
FIXED BY: hjd, 09/02/2011

NUMBER: 43
DATE: September 22, 2011
NOTIFIED BY:
 Hans-Joerg Diersch, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
 Modeling unsaturated flow by using the mixed - formulation: The budget analysis has been improved. It provides now more accurate flux evaluations in cases with strong transient changes in an individual element. Note that the quality of simulation results was not affected.
FIXED IN VERSION: 6.0.8
FIXED BY: hjd, 09/29/2011

NUMBER: 44
DATE: September 27, 2011
NOTIFIED BY:
 Volker Clausnitzer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 2
DESCRIPTION:
 Any user-defined relative-viscosity function was incorrectly evaluated.
WORKAROUND:
 Use the standard relative-viscosity function if viscosity dependence on temperature and concentration is to be considered.
FIXED IN VERSION: 6.0.8
FIXED BY: vcl, 09/28/2011

Fixed Bugs in FEFLOW Version 6.0

NUMBER: 45
DATE: October 06, 2011
NOTIFIED BY:
Julia Mayer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
After simulation, loading of the next FEM or DAC file may fail with "Invalid mesh topology!" error.
WORKAROUND:
Close FEFLOW and load the file again afterwards.
FIXED IN VERSION: 6.0.8
FIXED BY: rgr, 10/07/2011

NUMBER: 46
DATE: November 01, 2011
NOTIFIED BY:
Volker Clausnitzer, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
(1) Backward transient pathlines are incompatible with simulation start times greater than zero. (2) Simulation time instead of travel time is shown along forward transient pathlines.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.8
FIXED BY: vcl, 11/07/2011

NUMBER: 47
DATE: January 05, 2012
NOTIFIED BY:
Jens Jakob Fosselius Legarth, GEO, Lyngby, Denmark
IMPORTANCE: 2
DESCRIPTION:
Under certain conditions, a time-value in a user-defined time-series that should have been honored by the automatic time-step control was skipped.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.9
FIXED BY: vcl, 01/05/2012

NUMBER: 48
DATE: January 15, 2012
NOTIFIED BY:
Reinhard Zapata, Robertson GeoConsultants, Vancouver, Canada
IMPORTANCE: 1
DESCRIPTION:
Incorrect Flux-Analyzer result when using the "Discontinuous (elemental)" Darcy-flux option.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.9
FIXED BY: vcl, 01/19/2012

NUMBER: 49
DATE: March 14, 2012
NOTIFIED BY:
Junfeng Luo, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 2
DESCRIPTION:
Incorrect Budget-Analyzer result when postprocessing a DAC file of a simulation involving boundary conditions that are dynamically set/removed via IFM plug-in (using any of the IfmSetBc*TypeAndValue*() API functions).
WORKAROUND:
None.
FIXED IN VERSION: 6.0.10
FIXED BY: rgr, 03/19/2012

NUMBER: 50
DATE: April 10, 2012
NOTIFIED BY:
Junfeng Luo, DHI-WASY GmbH, Berlin, Germany
IMPORTANCE: 1
DESCRIPTION:
Error during load and save operations are sometimes not reported properly.
WORKAROUND:
None.
FIXED IN VERSION: 6.0.10
FIXED BY: rgr, 04/23/2012

