



TrapTester 5.2: patch update notes

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Hot on the heels of the release of TrapTester 5.2 comes the first of this year's upgrades. The main content is based on new features that were not ready for the 5.2 release, for example, the BGL 3D seismic capture tool and line-based seismic access definitions. This patch also updates some functionality, addresses some usability issues following feedback from clients and contains a few bug fixes.

In this issue of Trap Advisor we update you on the contents of the patch together with instructions for how to download and install it.

Please remember that you can make suggestions at any time, and we will try our best to implement those improvements. If you have any further questions, please do get in touch.

Patch 5.210 - Enhancements

Help System

In the future it will be possible to directly access all the manual pages, including updates, directly from the Badleys Web Site. To enable this we have added a new feature to TrapTester activated from a control variable in the faps.conf file.

Once our website is fully implemented and ready for your access, we will let you know!

BGL 3D Seismic Capture Tool

This utility captures data from any other volume that supports row-based access. The input volume is defined by selection of a "Seismic Access Definition" and the output volume is created locally and is then immediately available for row/column/time-slice and surface-slice access. This enables a TrapTester project to then be completely independent from a 3rd party system's seismic data source.

BGL Volume Manager

Now that 2D data can be imported from SEG-Y data and 3D BGL volumes can be created from

Extra Symbols for FaultED

Now available are double headed arrows for both stress and strain conventions, double tubes and squares.

In addition, the texture attributes on deformation surfaces are now controlled from the horizon texture controls in project parameters.

Enhancements to Triangle: Throw-Connectivity and Cumulative Frequency Plots.

Two new plots have been added, both available from the menu of Triangle, "Throw-Connectivity" and "Cumulative Frequency". These plots also have display settings that can be altered, and scaling modes for the axes that can be toggled with MB1. An ASCII dump of these data is possible if they are currently displayed using the ASCII dump option from the main Triangle menus.

Raw Data Plotting in PlotViewer

Data can now be plotted in "raw" mode where data is cross-plotted point for point rather than being binned.

the Capture tool, there is now a simple seismic volume manager utility that displays information on any 2D or 3D volume and allows you to rename, delete or create links to volumes stored elsewhere on your system so that they can be accessed from other projects without the need to copy large data files.

Line-based Seismic Access Definitions (SIAC)

This is a new concept for TrapTester. Line-based Seismic Access Definitions (SIACs) are descriptions of how to obtain data from a 3rd-party volume or a BGL 2D or 3D volume.

It is now possible to assign any 2D line, 3D row, column or time-slice to their own specific SIAC which will take precedence over the assignment for the survey for the particular line type. Specific SIACs can be unset from the Data Manager for the line or time-slice, or by using the new "Apply to all" buttons in the Survey View/Modify window.

Volume Editor "Spin Forever" Functionality

<Ctrl>+<Shift>+N starts the spin mode, subsequently selecting one of the spin buttons will start the model spinning until the model is moved. Pressing <Ctrl>+<Shift>+N again turns off this mode.

Volume Editor: New Style Resources for all Modules

It is recommended that when a project is first opened the project resources be updated with the new styles.

Extensions and Enhancements to List Functionality

List functionality has been added to the section manager and fault slicer. List names are now alphanumerically sorted. Right mouse button click on horizons in lists gains access to stratigraphic sequence editor.

Linux Installations

Inclusion of libXm.so.2 (from the OpenMotif 2.1.30-12 package) in the lib.Linux directory of the TrapTester installation obviates the installation of Motif RPMs prior to installation on Linux. With this patch TrapTester does not depend on a system installed version of OpenMotif 2.1.30-12.

Bug Fixes

A number of minor bug fixes are included in this patch and a detailed description of these can be found in the patch release notes (see below).

Most of these bug fixed relate to minor problems within modules, but the most significant changes relate to FaultED where problems relating to the implementation on Linux, naming problems for fault attributes, display methods not being updated correctly have all been resolved.

How to get Patches

TrapTester patches can be installed automatically using the autoPATCH utility or manually by downloading patch-files from the Badleys ftp site. TrapTester patches downloaded from the Internet are internally check-summed and verified prior to installation.

Automatic patch installation

This is by far, the easiest method of patch installation. Using the autoPATCH utility your TrapTester installation will be brought up-to-date by downloading and installing all of the necessary patches. Firstly, you must be logged in to a system that has ftp access to the Internet as the owner of the TrapTester installation. Then, at the command-line, do the following:

```
% cd <FAP_HOME>/patches
% ./autoPATCH
```

At this point you must specify a user-name and password. Log in as "ftp" and give your e-mail address as the password.

```
ftp> cd pub/FAPS/TT5.2
ftp> ls
```

You will see a list of files:

```
P5.210.pat
plist
relnotes
rlvl
```

The .pat file is the patch file. Now download the patch from the ftp server:

```
ftp> binary
ftp> get P5.210.pat
ftp> get relnotes
ftp> bye
% ls -l
```

Check that the patch has been downloaded successfully. Now install the patch using the

where <FAP_HOME> is the directory path to the TrapTester installation area. Follow the instructions that are given. When the patch-installation is complete you must re-start TrapTester. The release notes for all the patches should be in the file called "relnotes".

Manual patch installation

You must be logged in to a system that has ftp access to the Internet as the owner of the TrapTester installation. Then, at the command-line do the following:

```
% cd <FAP_HOME>/patches  
% ftp ftp.badleys.co.uk
```

installPATCH utility:

```
%. /installPATCH P5.210
```

Follow the instructions that are given. When the patch-installation is complete you must re-start TrapTester.

The release notes for all the patch should be in the file called "relnotes".

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