

REPORTER 16.0

Contents

A summary of the new features in REPORTER 16.0:

- [Fonts](#)
- [Exporting Tables to Excel](#)
- [Tables in the JavaScript API](#)
- [Licensing 16.0](#)

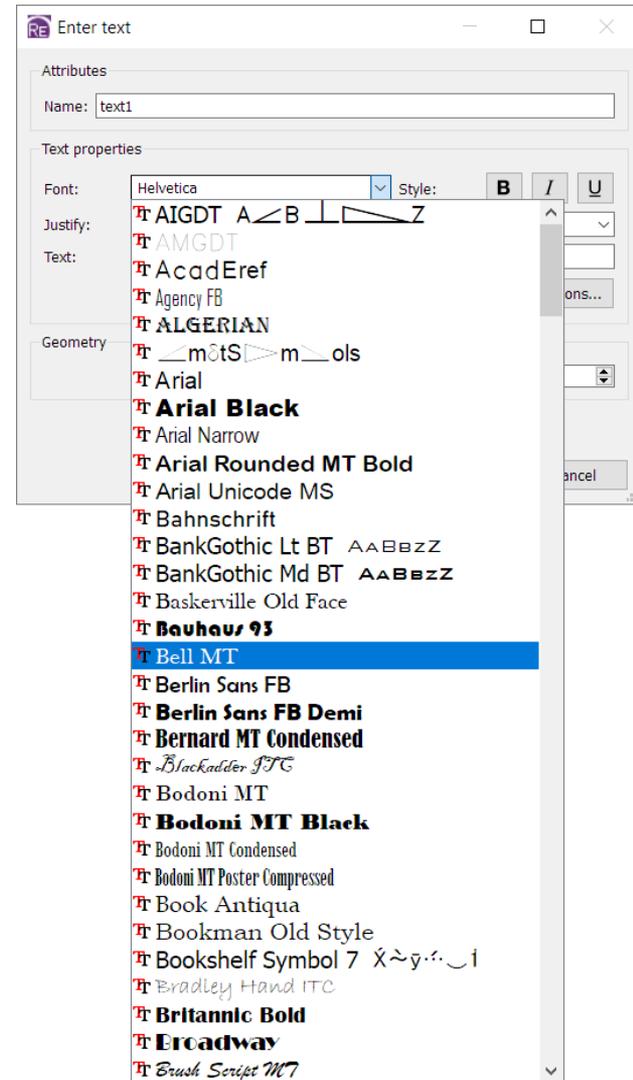
Fonts

Until now, REPORTER has only supported four fonts (with very basic add-on support for Chinese, Japanese and Korean fonts):

Courier Helvetica Times Σμβολ (Symbol)

Version 16.0 offers support for many more fonts, giving you greater control over the look of your reports, and allowing you to create templates that match your organisation's branding.

Oasys | LS-DYNA ENVIRONMENT
Prepare Analyse 分析
準備 显示 Visualise
Process 后期处理
報告 Report



Fonts (continued)

Technical Details

Support for the four legacy fonts (Courier, Helvetica, Symbol, Times) is unchanged, so your existing REPORTER templates should be unaffected.

Now, REPORTER supports the following font types:

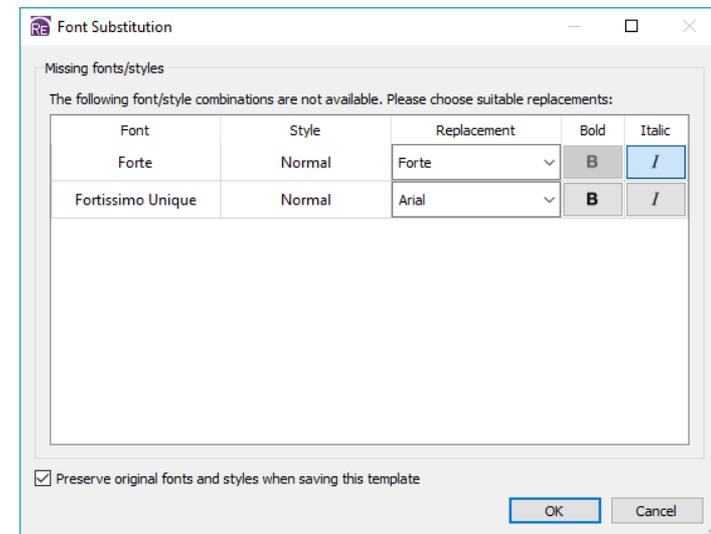
- TrueType fonts and collections (*.ttf* and *.ttc* files)
- OpenType fonts and collections (*.otf* and *.otc* files)
- Certain Type1 fonts (Printer Font Binary *.pfb* files and their *.pfm* metrics files)

Font Mapping

Customisable font mapping is provided to improve compatibility between users and operating systems. If another user shares a template with you that uses a font that is not installed on your system, suitable alternatives will be suggested in the Font Substitution dialog that appears when you open the template.

If you create templates on Windows but then run them in batch on a Linux server, font mapping will help preserve the look and style of your output.

For more details, see chapter 11 of the REPORTER 16.0 manual.



Exporting Tables to Excel

REPORTER 17.0 dev - 64 bit (build 1318) - [Page 1 of 1: C:/executables/export_tables_excel/tables_excel_demo.ort*]

File Edit View Insert Page Script Variables Window Help

Design

Style

Tools

Impact Point	Coordinates [m]			Utilisation Ratio
	X	Y	Z	
A	1.02	78.45	-0.94	0.87
B	5.00	83.92	0.02	1.16
C	8.79	79.61	1.11	0.44
D	13.44	81.50	-0.38	0.25

Enter Table information

Attributes

Name: table1

Rows: 6 Reset heights Columns: 5 Reset widths Margins...

Cells:

	Column 1	Column 2	Column 3	Column 4
Row 1	Impact Point	Coordinates [m]		
Row 2	Point	X	Y	Z
Row 3	A	1.02	78.45	-0.94
Row 4	B	5.00	83.92	0.02

Cell properties

Text

Choose...

Width: 0.0 Height: 0.0

Program arguments

Add Remove Edit

Geometry

Bottom left X: 26.0 Bottom left Y: 62.0

Width: 178.0 Height: 64.0

When generating save to CSV file:

When generating save to XLSX file: %TEMPLATE_DIR%/tables_excel_demo.xlsx

OK Cancel

tables_excel_demo.xlsx - Excel

File Home Insert Draw Page Layout Formulas Data Review View

Clipboard Font Alignment Number

Impact Point	Coordinates [m]			Utilisation Ratio
	X	Y	Z	
A	1.02	78.45	-0.94	0.87
B	5	83.92	0.02	1.16
C	8.79	79.61	1.11	0.44
D	13.44	81.5	-0.38	0.25

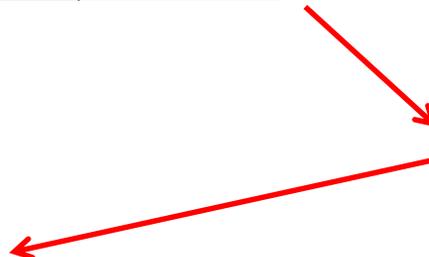


Table and Autotable items can now be exported in Microsoft Excel format, complete with formatting (cell size, text alignment, font style, borders, colours, merged cells).

In the Table or Autotable dialog, check 'When generating save to XLSX file' and choose a filename.

Tables in the JavaScript API

Various new functions have been added to the Item class of the JavaScript API to enable full control over Table and Autotable items. For example, it is now possible to:

- Insert/delete/resize rows/columns
- Merge/unmerge cells
- Get/set cell properties (e.g. text, alignment, font, colour, border width)
- Get/set cell conditions

Licensing 16.0

Licenses for multiple programs

A PRIMER server license can be extended to be used by the post software. Short-term trial licenses for the post software are also available. Please contact your local distributor.

Situation	License details
Extend PRIMER server licenses to work with D3PLOT and T/HIS.	<p>primer + primer_post server license</p> <p>An individual using PRIMER and D3PLOT on their machine will use two PRIMER licenses.</p> <p>An individual using PRIMER, D3PLOT and T/HIS will also use two PRIMER licenses. In this instance, D3PLOT and T/HIS share a PRIMER license.</p> <p>D3PLOT and T/HIS can be prevented from using PRIMER licenses by setting the following preference in the oa_pref file.</p> <pre>oasys*post_uses_primer = FALSE</pre>

Licenses for multiple programs (trial access)

Situation	License
PRIMER with trial access to D3PLOT and T/HIS for server licenses.	<p>primer + post_trial server license</p> <p>An individual can use PRIMER, D3PLOT and T/HIS simultaneously on their machine. Doing so will use one 'primer' server license and one 'post_trial' server license.</p> <p>Once the trial license expires, only PRIMER can be accessed.</p>
PRIMER with trial access to D3PLOT and T/HIS for node-locked licenses.	<p>primer + post_trial node-locked license</p> <p>You can use PRIMER, D3PLOT and T/HIS simultaneously on your machine.</p> <p>Once the trial license expires, only PRIMER can be accessed.</p>
D3PLOT with trial access to T/HIS. This will enable you to use the T/HIS link.	<p>d3plot + post_trial</p> <p>You can use D3PLOT and T/HIS simultaneously on your machine.</p> <p>Once the trial license expires, only D3PLOT can be accessed.</p>

Licenses for single or multiple programs

You can buy server or node locked licenses which allow access to all programs in the Oasys Suite.

It is also possible to buy server or node locked licenses for individual programs.

Program	License required
PRIMER	primer
D3PLOT	d3plot
T/HIS	this
D3PLOT and T/HIS link	d3plot + this
REPORTER	reporter*
All programs in the Oasys Suite	primer, d3plot, this + reporter

*REPORTER is also able to run without the reporter license. In this situation the software checks for any available Oasys license and then releases it again.

Restricted-use licenses for all programs

We provide restricted-use licenses free of charge through our website www.arup.com/dyna for certain domain names, for example for students at UK Universities.

These licenses can also be sold commercially by a local distributor.

Similar licenses are available restricted to a different number of nodes or curves.

Program	License
All programs in the Oasys Suite, restricted to models with less than 10,000 nodes (PRIMER and D3PLOT) and 12 curves (T/HIS).	primer, d3plot and this licenses restricted

REPORTER

If you have licenses for any of our programs, you are licensed to use REPORTER to interact with that program.

For example, if you have a “primer” license, you can use PRIMER, or use REPORTER to create reports with PRIMER objects in them.

SHELL

The Oasys SHELL can be used without a license.

FAQs

Using the extended PRIMER license

1. License check-out priority - When customer has both the extended PRIMER license (primer + primer_post) and D3PLOT license (d3plot), which license will be checked out first when running D3PLOT?

D3PLOT will always look for a D3PLOT license first. If no D3PLOT licenses are available, it will then try and use a PRIMER license. If D3PLOT uses a PRIMER license then by default a window is displayed warning the user that they are using a PRIMER license.

2. Can a user on one machine have a unlimited number of PRIMER sessions with one primer license (as was previously the case)?

This hasn't changed if they are running versions 16 or 15. In versions 16 or 15 if a user runs multiple copies of PRIMER on the same machine then they all share a single license.

If a user runs version 14 and either version 16 or 15 at the same time then they will count as 2 separate licenses.

Using the extended PRIMER license (CON'T)

3. Can you let me know how to prevent D3PLOT and T/HIS using a PRIMER license?

To disable license sharing the following preference can be set:

`d3plot*post_uses_primer: FALSE`
(disables D3PLOT from using a PRIMER license)

`this*post_uses_primer: FALSE`
(disables T/HIS from using a PRIMER license)

`oasys*post_uses_primer: FALSE`
(disables D3PLOT and T/HIS from using a PRIMER license)

4. How many extended PRIMER licenses does an individual use?

D3PLOT (or T/HIS) using a PRIMER license is counted separately to a user running PRIMER so an individual on one terminal, running the following combinations of program uses these licenses:

1)	1 x PRIMER only	:	1 primer license
2)	2 x PRIMER	:	1 primer license
3)	PRIMER + D3PLOT	:	2 primer licenses
4)	2 x PRIMER + 2 x D3PLOT	:	2 primer licenses
5)	PRIMER + T/HIS	:	2 primer licenses
6)	PRIMER + T/HIS + D3PLOT	:	2 primer licenses (D3PLOT and T/HIS share)

Changing from FLEXlm to LMX licensing

We are planning to discontinue the use of FLEXlm licensing in our software from version 17.0 onwards. We will instead use LMX licensing. Support for LMX licenses is included in our Oasys suite versions 15.x and 16.x software. The table shows which Oasys suite versions work with each license type.

LMX licenses will be available later in the year for testing purposes.

Oasys Suite version	FLEXlm licensing	LMX licensing
14.x and earlier	✓	✗
15.x and 16.x	✓	✓
17.x onwards	✗	✓

ARUP

www.arup.com/dyna

For more information please contact the following:

UK Contact:

The Arup Campus
Blythe Valley Park
Solihull
United Kingdom
B90 8AE

T: +44 121 213 3399
dyna.support@arup.com

China Contact:

Arup China
39/F-41/F Huaihai Plaza
1045 Huaihai Road (M)
Xuhui District, Shanghai
China
200031

T: +86 21 3118 8875
china.support@arup.com

India Contact:

Arup India
Ananth Info Park, HiTec City
Madhapur Phase-II
Hyderabad
India
500081, Telangana

T: +91 40 44369797 / 98
india.support@arup.com

USA West Contact:

Arup Americas
c/o 560 Mission Street Suite 700
San Francisco
United States
CA 94105

T: +1 415 940 0959
us.support@arup.com

or your local Oasys distributor