
Fast/Unload Release Notes Version 4.2

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Proprietary Notices

The following products:

- *Fast/Unload*

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Contents

| | |
|--|------------|
| Proprietary Notices | ii |
| Contents | iii |
| Chapter 1: Introduction | 1 |
| Summary of significant changes | 1 |
| Chapter 2: Maintenance and Support | 3 |
| Chapter 3: New Features | 5 |
| New functionality | 5 |
| Unloading procedures | 5 |
| Performance enhancements | 5 |
| New or changed program parameters | 5 |
| New or changed FUEL statements | 6 |
| New #functions | 6 |
| Miscellaneous enhancements | 6 |
| Chapter 4: Compatibility/Fixes | 7 |
| Backwards compatibility with Fast/Unload 4.1 | 7 |
| Fixes in Fast/Unload 4.2 but not in 4.1 | 7 |
| Version co-requisites | 7 |

CHAPTER 1 ***Introduction***

This document lists the enhancements and other changes contained in the newest release of *Fast/Unload*: version 4.2. The previous generally released version of *Fast/Unload*, 4.1, was released in September, 2003.

1.1 Summary of significant changes

Fast/Unload version 4.2 introduces the following significant changes.

- Support for the unloading of procedures. See [“Unloading procedures” on page 5](#).
- *Fast/Unload User Language Interface* support for multiple output stream unloads. See [“Miscellaneous enhancements” on page 6](#).

CHAPTER 2 *Maintenance and Support*

These enhancements to *Fast/Unload* do not affect its intrinsic functionality, but rather affect the way Sirius Software delivers maintenance and support for the product.

CHAPTER 3 *New Features*

3.1 New functionality

The features described in this section introduce new functionality to *Fast/Unload*.

3.1.1 Unloading procedures

As of *Fast/Unload* version 4.2 and *Sirius Mods* 6.5, the UAI and LAI statements support the reorganization of procedures and procedure aliases.

The UAI unloading of procedures and procedure aliases is invoked for UAI unloads by default or by the new UAI statement option **PROCS**. If you specify **PROCS**, any procedures or procedure aliases in the file are unloaded; if you specify the new option **NOPROCS**, they are not unloaded. **PROCS** is the default.

Statistics about the file's procedures are produced when you invoke **FSTATS** processing or invoke procedure unloads (explicitly or implicitly), and generating these statistics enables an optimization of the procedure dictionary reloading.

Procedures and aliases present in the input data set for a *Fast/Reload* are loaded as is by LAI. The UAI unload and LAI reload preserve their associations. The LAI procedure loading entails some environmental adjustments (especially more disk buffers), and it also includes an automatic **PDSIZE**-setting feature. For more information about procedure reloading, see the *Fast/Reload Reference Manual*

3.2 Performance enhancements

The following changes help you to achieve improved performance with *Fast/Unload*:

3.3 New or changed program parameters

The following parameter is enhanced in version 4.2:

FSTATS All settings of **FSTATS** now generate procedure dictionary statistics. If UAI **PROCS** is also specified for any output stream, or UAI **NOPROCS** is not specified for any output stream, procedure text page statistics are included in addition.

For details about the individual procedure statistics, see the ***Fast/Reload Reference Manual***

3.4 New or changed FUEL statements

The following directive is enhanced in version 4.2:

FSTATS All settings of FSTATS now generate procedure dictionary statistics. If UAI PROCS is also specified, for any output stream, or UAI NOPROCS is not specified for any output stream, procedure text page statistics are included in addition.

For details about the individual procedure statistics, see the ***Fast/Unload Reference Manual***.

3.5 New #functions

The following new #functions may be used in *Fast/Unload*:

3.6 Miscellaneous enhancements

- Multiple output streams with *Fast/Unload User Language Interface*

The multiple output feature was introduced in *Fast/Unload* 4.1, but not supported for the *Fast/Unload User Language Interface* until *Fast/Unload* version 4.2 (and *Sirius Mods* 6.5).

To use \$FUNLOAD to invoke a multiple output version 4.2 *Fast/Unload*, you specify any character string (eight-character maximum and not a %variable or asterisk) as the \$FUNLOAD fourth argument. This string is not used, but it indicates that the output data is to be sent to the data sets specified in the FUEL program.

Prior to *Fast/Unload* 4.2 and *Sirius Mods* 6.5, such a character string in a \$FUNLOAD fourth argument was assumed to name an output data set specified in the FUEL program.

Specifying multiple outputs in a *Fast/Unload* 4.1 FUEL program that is invoked by \$FUNLOAD is an error, regardless of the *Sirius Mods* version.

This section lists any compatibility issues with *Fast/Unload*, and any fixes contained in this version of *Fast/Unload* but not, as of the date of this release, in the immediately prior version (4.1).

4.1 Backwards compatibility with Fast/Unload 4.1

This section lists any differences in processing that result from execution with *Fast/Unload* version 4.2, as compared with the same inputs to *Fast/Unload* version 4.1 at current maintenance levels.

UAI unloads In *Fast/Unload* 4.2, UAI unloads, by default or if UAI PROCS is specified, will unload any input file procedures and procedure aliases. Specifying UAI NOPROCS prevents the unloading of procedures and aliases.

Prior to version 4.2, the UAI PROCS and NOPROCS options did not exist, and the UAI default was **not** to unload procedures.

4.2 Fixes in Fast/Unload 4.2 but not in 4.1

This section lists other fixes to features existing in *Fast/Unload* version 4.1 but which, in absence of customer problems, have not, as of the date of the release, been fixed in that version.

There are no problems without fixes.

4.3 Version co-requisites

This section lists any restrictions on usage of various products (including *Fast/Unload* itself) which will be imposed by use of version 4.2 of *Fast/Unload*.

- Using the *Fast/Unload* 4.2 multiple output feature with the *Fast/Unload User Language Interface* requires at least version 6.5 of the *Sirius Mods*.

