DYALOG

The tool of thought for expert programming

Dyalog SALT Release Notes

SALT Version 2.42

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1 About This Document

This document describes the changes and new features in SALT version 2.42 (released with the first release of Dyalog version 14.1) compared with SALT version 2.40 (released with the first release of Dyalog version 14.0).

1.1 Compatibility with Dyalog Versions

SALT version 2.42 is compatible with all supported versions of Dyalog (that is, 13.2, 14.0 and 14.1), but requires the user command framework to be at least version 2.0 (this is the version that is shipped with Dyalog version 14.0).

If you are using Dyalog version 13.2, then the user command `]UUpdate` can be used to upgrade SALT and user commands. The default behaviour of `]UUpdate` is to update within the user command framework major release. However, as the user command framework version 2.0 is a major change involving the renaming of many user commands and other behavioural changes, you must specify the `-version=2` modifier to explicitly request an upgrade to the user command framework version 2.0; not including this modifier will limit the upgrade to the latest update prior to this major version change, that is user command framework version 1.34 and SALT version 2.39).

You need to be running with administrator rights for the above command to succeed.

2 Functional Changes

This chapter details the changes made to SALT for version 2.42.

2.1 Editing Objects

The `Load` function loads a SALTed object from a file; that object can then be edited and resaved. When saving the edited object, the capitalisation specified in the `Load` function call was used for the file name, irrespective of whether this matched the original capitalisation of the file name of the object when it was previously saved.

For example:

An object is saved to disk using SALT and given the file name 'Abc'. It is subsequently loaded using `]SE.SALT.Load '<path>/abc'`. The object is edited and saved. However, the file 'Abc' is not updated with the changes to the object but instead a new file called 'abc' is created to hold the object.

This could cause issues on the UNIX operating system.

This behaviour has now been amended so that the original file is updated (leaving the name unchanged) rather than a new file created irrespective of the filename's capitalisation when loading the object.

2.2 Pattern Matching

The `Load` function's pattern-matching argument has been amended to properly process unscripted namespaces. Prior to this release, if an object in an unscripted namespace matched the `Load` function's pattern, then all the objects in that unscripted namespace were loaded. Now only the specific objects that match the `Load` function's pattern are loaded.