m_utl_dec_passwd.sas File Reference

Utilities

Utility macro to decode a SAS mdhash encoded password string

Description

The macro will decode a given mdhash encoded password generated by the m_utl_enc_passwd.sas macro routine and returns the result value into a SAS global macro variable with the name _PWDECODE.

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Version

20.1.03

Link

https://github.com/paul-canals/toolbox

Parameters

Input	help	Parameter, if set (or ?) to print the Help information in the log. In all other cases this parameter should be left out from the macro call.
Input	passwd	Input mdhash encoded password textual string. The maximum length of the decode password text string is 24. The default value is: _NONE_.
Input	global	Boolean [Y|N] Parameter to decide wether the result value is to be declared as a global macro variable. If set to N, the result is only returned inline. The default value for GLOBAL is: N.
Input	debug	Boolean [Y|N] parameter to provide verbose mode information. The default value for DEBUG is: N.
Output	_pwdecode	Output decoded password hash string.

Returns

- Decoded password textual string.

Calls

- m_utl_print_message.sas

Usage

Example 1: Show help information:

```
%m_utl_dec_passwd(?)
```

Example 2: Step 1 - Encrypt a table with AES encryption level encryption key:

```
data WORK.class(encrypt=aes encryptkey="R@ce2018");
   set SASHELP.class;
run;
```

Example 2: Step 2 - Decode the given md5hash password for table access inline:

```
proc print data=WORK.class(encryptkey=
   "%m_utl_dec_passwd(passwd=MD5#0883331333033323335363336303432353,debug=Y)");
run;
```

Example 2: Step 3 - Decode the given md5hash password for table access:

```
%m_utl_dec_passwd(
   passwd = MD5#0883331333033323335363336303432353
 , global = Y
 , debug  = Y
   );

%put &=_pwdecode.;
```

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