

# m\_utl\_unique\_number.sas File Reference

## Utilities

Utility macro to generate a unique integer number value

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### Description

The macro generates a unique (integer) number based on a combination of a minimum / maximum value and a number sequence. The last number used value is held by a global SAS macro variable defined by the MVAR\_NAME parameter.

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### Version

20.1.09

### 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	min	Optional. Parameter to set the minimum value for the unique number generation. The default value for MIN is: 1.
Input	max	Optional. Parameter to set the maximum value for the unique number generation. The default value for MAX is: 1000000.
Output	mvar_name	Name of the global macro variable containing the last used integer sequence number value. The default value for MVAR_NAME is: _unique_nr.
Input	debug	Boolean [Y N] parameter to provide verbose mode information. The default value is: N.

## Returns

- Unique integer sequence number value.

## Calls

- [m\\_utl\\_print\\_message.sas](#)
- [m\\_utl\\_print\\_mtrace.sas](#)

## Usage

Example 1: Show help information:

```
%m_utl_unique_number(?)
```

Example 2: Generate a unique integer value (result is: 1):

```
%let number=
  %m_utl_unique_number(
    debug = Y
  );
%put &=number.;
```

Example 3: Generate a unique integer value (result is: 2):

```
%let number=
  %m_utl_unique_number(
    debug = Y
  );
%put &=number.;
```

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