

# YSLW - Year Sliding Window

This Natural profile parameter is for:

- mainframes
- UNIX/OpenVMS and Windows

It determines the range of years covered by the "year sliding window".

<b>Possible settings</b>	0 - 99	<p>Range of years.</p> <p>The sliding-window mechanism assumes a date with a 2-digit year to be within a "window" of 100 years. Within these 100 years, every 2-digit year setting can be uniquely related to a specific century. You determine how many years in the past that 100-year range is to begin: The YSLW setting is subtracted from the current year to determine the first year of the window range.</p> <p>For example, if the current year is 1999 and you specify YSLW=40, the sliding window will cover the years 1959 to 2058. A 2-digit year setting <i>nm</i> from 59 to 99 is then interpreted accordingly as 19<i>nm</i>, while a 2-digit year setting <i>nm</i> from 00 to 58 is interpreted as 20<i>nm</i>.</p>
<b>Default setting</b>	0	No sliding-window mechanism will be used.
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

The YSLW parameter is evaluated at runtime when an alphanumeric date setting with a 2-digit year component is moved into a date variable. This applies to data settings which are: used with the mathematical function VAL, used with the IS(D) option in a logical condition, read from the stack as input data, or entered in a map as input data.

See also the section Processing of Date Information in the Natural Programming Guide documentation.