

YSLW - Year Sliding or Fixed Window

This Natural profile parameter specifies the range of years covered by the "year sliding window" or "year fixed window".

The sliding-window or "year fixed 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 is uniquely related to a specific century, so that there is no confusion about which century is meant.

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|-------------------------------------|----------------|-----------|---|
| Possible settings | Normal Setting | 0 | When you set the parameter to "0", the current century is assumed. No sliding or fixed-window mechanism is used. |
| | Sliding Window | 1 - 99 | By setting the parameter to a value between "1-99", you determine when the 100-year range begins in the past. The YSLW setting is subtracted from the current year to determine the first year of the window range. Example: If the current year is 2002 and you specify YSLW=40, the sliding window will cover the years 1962 to 2061. A 2-digit year setting <i>nn</i> from "62" to "99" is then interpreted accordingly as "19 <i>nn</i> ", while a 2-digit year setting <i>nn</i> from "00" to "61" is interpreted as "20 <i>nn</i> ". |
| | Fixed Window | 1582-2600 | By setting the parameter to a value between "1582-2600", you determine the first year of a 100-year range. The upper boundary of the 100-year range is evaluated by adding "99" to the value specified. Example: If you specify YSLW=1985, the fixed window will cover the years 1985 to 2084. A 2-digit year setting " <i>nn</i> " from 85 to 99 is then interpreted accordingly as "19 <i>nn</i> ", while a 2-digit year setting " <i>nn</i> " from "00" to "84" is interpreted as "20 <i>nn</i> ". |
| Default setting | 0 | | No sliding or fixed-window mechanism is used. |
| Dynamic specification | yes | | |
| Specification within session | 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 *Programming Guide*.