

Name, Date and Time Specification

You can use a name, a date, a time or a range of names, dates and times to select Natural library objects, Natural command processor sources, Natural-related objects, Natural DDMs (data definition modules on a remote mainframe platform) or external files.

This section contains information on the specification options provided for the following:

- Name
 - Date
 - Time
-

Name

You can specify a name or a range of names.

In the list of options below, *value* is any combination of one or more characters:

| | Input | Items Selected |
|--------------------|---------------------------------|--|
| | <i>value</i> | All items with names equal to <i>value</i> . |
| | * | All items. |
| | > | |
| | ? | All items with any single character for each question mark (?) entered. |
| Leading Characters | <i>value</i> * | All items with names that start with <i>value</i> . Example: AB* Selected: AB, AB1, ABC, ABEZ Not selected: AA1, ACB |
| Wildcard | <i>value</i> ? | All items with names that start with <i>value</i> and end with any single character for each question mark (?) entered. Example: ABC? Selected: ABCA, ABCZ Not selected: AXC, ABCAA |
| | <i>value</i> ? <i>value</i> ? | All items that match <i>value</i> combined with asterisk (*) and question mark (?) in any order. Example: A?C*Z Selected: ABCZ, AXCBBBZ, ANCZ Not selected: ACBZ, ABDEZ, AXCBBBZA |
| | <i>value</i> * <i>value</i> ? | |
| | * <i>value</i> ? <i>value</i> * | |
| Start Value | <i>value</i> > | All items with names greater than or equal to <i>value</i> . Example: AB> Selected: AB, AB1, BBB, ZZZZZZZ Not selected: AA1, AAB |
| End Value | <i>value</i> < | All items with names less than or equal to <i>value</i> . Example: AX< Selected: AB, AWW, AX Not selected: AXA, AY |

Note:

The parameter specification option **New Value** only allows leading characters (asterisk (*) notation). See *Rules for New Values* in *Set Global Parameters* in the section *Settings*.

Date

All date values within the Object Handler are specified in international date format.

You can specify a date, a range of dates, a special date or a range of special dates. A date must be specified in the format *YYYY-MM-DD* (*YYYY* = year, *MM* = month, *DD* = day).

In the list of options below, the underlined portion of a keyword represents its valid abbreviation, and *value* is any combination of one or more digits:

| | Input Value | Items Selected |
|---------------------------------|--------------------|--|
| Date | <u>YYYY-MM-DD</u> | All items with a date equal to <u>YYYY-MM-DD</u> . Example: 2003-02-15 |
| Leading characters | <u>value</u> * | All items with a date that starts with <u>value</u> . Example: 2002* Selected: 2002-01-01, 2002-12-31 Not selected: 2001-12-31, 2003-01-01 |
| Start value | <u>value</u> > | All items with a date greater than <u>value</u> . Example: 2002-05> Selected: 2002-05-01, 2002-12-31, 2003-01-01, 2003-12-31 Not selected: 2002-04-31, 2001-12-31 Special dates can be used as <u>value</u> (see below). |
| End value | <u>value</u> < | All items with a date less than <u>value</u> . Example: 2003-02< Selected: 2002-05-01, 2002-12-31, 2003-01-01, 2003-01-31 Not selected: 2003-02-01, 2003-05-18 Special dates can be used as <u>value</u> (see below). |
| Special Dates | | |
| <u>TODAY</u> (+/- <i>nnnn</i>) | | All items with the date of the current day. The day can be followed by + <i>nnnn</i> or - <i>nnnn</i> where <i>nnnn</i> has a maximum of 4 digits. The resulting date is computed as the date of the current day plus or minus <i>nnnn</i> days. Example: If the current date is 2003-03-01, <u>TODAY</u> +5 results in 2003-03-06. |
| <u>YESTERDAY</u> | | All items with the date of the day before the current day. |

| | Input Value | Items Selected |
|--------------|-------------|--|
| <u>MONTH</u> | | All items with the date range of the current month. Example: The current month is 2003-02. Selected: 2003-02-01, 2003-02-30 Not selected: 2003-03-01 |
| | | FMDATE: Starts with the first day of the current month. TODATE: Ends with the last day of the current month. If the values of FMDATE and TODATE are identical, the selection is restricted to one day. |
| <u>YEAR</u> | | All items with the date range of the current year. Example: The current year is 2003. Selected: 2003-01-01, 2002-12-31 Not selected: 2002-31-12 |
| | | FMDATE: Starts with the first day of the current year. TODATE: Ends with the last day of the current year. If the values of FMDATE and TODATE are identical, the selection is restricted to one year. |

Note:

The parameter specification option **New Value** only allows leading characters (asterisk (*) notation). See *Rules for New Values* in *Set Global Parameters* in the section *Settings*.

Time

You can specify a time or a range of times. The time must be specified in the format *HH:II:SS* (*HH* = hours, *II* = minutes, *SS* = seconds).

In the list of options below, *value* is any combination of one or more digits:

| | Input Value | Items Selected |
|--------------------|-----------------|--|
| Time | <i>HH:II:SS</i> | All items with a time equal to <i>HH:II:SS</i> . Example: 14 : 15 : 16 |
| Leading characters | <i>value*</i> | All items with a time that starts with <i>value</i> . Example: 13 : * Selected: 13:00:00, 13:10:53, 13:59:59 Not selected: 12:59:59, 14:00:00 |