

# 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:

	<b>Input</b>	<b>Items Selected</b>
	<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, <i>ZZZZZZZ</i> 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:

	<b>Input Value</b>	<b>Items Selected</b>
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).
<b>Special Dates</b>		
<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