
AIMMS Function Reference - Date Time Related Identifiers

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Date-Time Related Identifiers

The following collection of predefined identifiers contains data used in representing

- AllAbbrMonths
- AllAbbrWeekdays
- AllMonths
- AllTimeZones
- AllWeekdays
- LocaleAllAbbrMonths
- LocaleAllAbbrWeekdays
- LocaleAllMonths
- LocaleAllWeekdays
- LocaleLongDateFormat
- LocaleShortDateFormat
- LocaleTimeFormat
- LocaleTimeZoneName
- LocaleTimeZoneNameDST

AllAbbrMonths

The predefined set AllAbbrMonths contains the abbreviated English names of all months.

```
SET:
  identifier : AllAbbrMonths
  index      : IndexAbbrMonths
  definition : data { Jan, Feb, Mar, Apr, May, Jun,
                    Jul, Aug, Sep, Oct, Nov, Dec } ;
```

Definition:

The set AllAbbrMonths contains the abbreviated English names of all months.

Updatability:

The contents of the set cannot be modified.

Remarks:

The set AllAbbrMonths can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the TIMESLOT FORMAT attribute of a CALENDAR.

See also:

The sets AllMonths, LocaleAllAbbrMonths, LocaleAllMonths. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

AllAbbrWeekdays

The predefined set AllAbbrWeekdays contains the abbreviated English names of all weekdays.

```
SET:
  identifier : AllAbbrWeekdays
  index      : IndexAbbrWeekdays
  definition : data { Mon, Tue, Wed, Thu, Fri, Sat, Sun } ;
```

Definition:

The set AllAbbrWeekdays contains the abbreviated English names of all weekdays.

Updatability:

The contents of the set cannot be modified.

Remarks:

The set AllAbbrWeekdays can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the TIMESLOT FORMAT attribute of a CALENDAR.

See also:

The sets [AllWeekdays](#), [LocaleAllAbbrWeekdays](#), [LocaleAllWeekdays](#). Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

AllMonths

The predefined set AllMonths contains the unabbreviated English names of all months.

SET:

```
identifier : AllMonths
index      : IndexMonths
definition : data { January, February, March, April,
                  May, June, July, August,
                  September, October, November, December } ;
```

Definition:

The set AllMonths contains the unabbreviated English names of all months.

Updatability:

The contents of the set cannot be modified.

Remarks:

The set AllMonths can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the TIMESLOT FORMAT attribute of a CALENDAR.

See also:

The sets [AllAbbrMonths](#), [LocaleAllMonths](#), [LocaleAllMonths](#). Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

AllTimeZones

The predefined set AllTimeZones contains the set of all available time zones.

```
SET:
  identifier : AllTimeZones
  index      : IndexTimeZones ;
```

Definition:

The set AllTimeZones contains the set of all time zones as defined by the operating system, plus a number of predefined time zones.

Updatability:

The contents of the set cannot be modified.

Remarks:

The set AllTimeZones can be used in the %TZ specifier of a time slot or period format. Such time zone specifications can be used, for instance, in the TIMESLOT FORMAT attribute of a CALENDAR.

See also:

Calendars are discussed in full detail in Section [31.2](#) of the Language Reference, the time zone specific part of a date-time format in Section [31.7.4](#).

AllWeekdays

The predefined set AllWeekdays contains the unabbreviated English names of all weekdays.

```
SET:
  identifier : AllWeekdays
  index      : IndexWeekdays
  definition : data { Monday, Tuesday, Wednesday, Thursday,
                    Friday, Saturday, Sunday } ;
```

Definition:

The set AllWeekdays contains the unabbreviated English names of all weekdays.

Updatability:

The contents of the set cannot be modified.

Remarks:

The set AllWeekdays can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the TIMESLOT FORMAT attribute of a CALENDAR.

See also:

The sets [AllAbbrWeekdays](#), [LocaleAllWeekdays](#), [LocaleAllWeekdays](#). Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleAllAbbrMonths

The predefined set `LocaleAllAbbrMonths` contains the abbreviated names of all months according to the current system locale.

```
SET:
  identifier : LocaleAllAbbrMonths
  index      : LocaleIndexAbbrMonths ;
```

Definition:

The set `LocaleAllAbbrMonths` contains the abbreviated names of all months according to the current system locale.

Updatability:

During system startup, the set `LocaleAllAbbrMonths` is filled with the set of abbreviated month names according to the current system locale. The contents of the set cannot be modified.

Remarks:

The set `LocaleAllAbbrMonths` can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The sets `AllAbbrMonths`, `AllMonths`, `LocaleAllMonths`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleAllAbbrWeekdays

The predefined set `LocaleAllAbbrWeekdays` contains the abbreviated names of all weekdays according the current system locale.

```
SET:
  identifier : LocaleAllAbbrWeekdays
  index     : LocaleIndexAbbrWeekdays ;
```

Definition:

The set `LocaleAllAbbrWeekdays` contains the abbreviated names of all weekdays according to the current system locale.

Updatability:

During system startup, the set `LocaleAllAbbrWeekdays` is filled with the set of abbreviated weekday names according to the current system locale. The contents of the set cannot be modified.

Remarks:

The set `LocaleAllAbbrWeekdays` can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The sets `AllAbbrWeekdays`, `AllWeekdays`, `LocaleAllWeekdays`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleAllMonths

The predefined set `LocaleAllMonths` contains the unabbreviated names of all months according to the current system locale.

```
SET:
  identifier : LocaleAllMonths
  index      : LocaleIndexMonths ;
```

Definition:

The set `LocaleAllMonths` contains the unabbreviated names of all months according to the current system locale.

Updatability:

During system startup, the set `LocaleAllMonths` is filled with the set of unabbreviated month names according to the current system locale. The contents of the set cannot be modified.

Remarks:

The set `LocaleAllMonths` can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The sets `AllAbbrMonths`, `AllMonths`, `LocaleAllAbbrMonths`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleAllWeekdays

The predefined set `LocaleAllWeekdays` contains the unabbreviated names of all weekdays according the current system locale.

```
SET:
  identifier : LocaleAllWeekdays
  index      : LocaleIndexWeekdays ;
```

Definition:

The set `LocaleAllWeekdays` contains the unabbreviated names of all weekdays according to the current system locale.

Updatability:

During system startup, the set `LocaleAllWeekdays` is filled with the set of unabbreviated weekday names according to the current system locale. The contents of the set cannot be modified.

Remarks:

The set `LocaleAllWeekdays` can be used to construct a date-time format specification as specified in Section 31.7. Such date-time format specifications are required, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The sets `AllAbbrWeekdays`, `AllWeekdays`, `LocaleAllAbbrWeekdays`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleLongDateFormat

The predefined string parameter `LocaleLongDateFormat` contains the AIMMS date-time format equivalent with the long date format as specified in the current system locale.

```
STRING PARAMETER:  
  identifier : LocaleLongDateFormat ;
```

Definition:

The string parameter `LocaleLongDateFormat` contains the AIMMS date-time format equivalent with the long date format as specified in the current system locale.

Updatability:

During system startup, the string parameter `LocaleLongDateFormat` is computed on the basis of the information in the current system locale. The contents of the string parameter cannot be modified.

Remarks:

The string parameter `LocaleLongDateFormat` can be used, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The string parameters `LocaleShortDateFormat`, `LocaleTimeFormat`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleShortDateFormat

The predefined string parameter `LocaleShortDateFormat` contains the AIMMS date-time format equivalent with the short date format as specified in the current system locale.

```
STRING PARAMETER:  
  identifier : LocaleShortDateFormat ;
```

Definition:

The string parameter `LocaleShortDateFormat` contains the AIMMS date-time format equivalent with the short date format as specified in the current system locale.

Updatability:

During system startup, the string parameter `LocaleShortDateFormat` is computed on the basis of the information in the current system locale. The contents of the string parameter cannot be modified.

Remarks:

The string parameter `LocaleShortDateFormat` can be used, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The string parameters `LocaleLongDateFormat`, `LocaleTimeFormat`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleTimeFormat

The predefined string parameter `LocaleTimeFormat` contains the AIMMS date-time format equivalent with the time format specified in the current system locale.

```
STRING PARAMETER:  
    identifier : LocaleTimeFormat ;
```

Definition:

The string parameter `LocaleTimeFormat` contains the AIMMS date-time format equivalent with the time format specified in the current system locale.

Updatability:

During system startup, the string parameter `LocaleTimeFormat` is computed on the basis of the information in the current system locale. The contents of the string parameter cannot be modified.

Remarks:

The string parameter `LocaleTimeFormat` can be used, for instance, in the `TIMESLOT FORMAT` attribute of a `CALENDAR`. The current system locale can be modified through the **Regional Settings** dialog box in the Windows **Control Panel**.

See also:

The string parameters `LocaleLongDateFormat`, `LocaleShortDateFormat`. Calendars are discussed in full detail in Section 31.2 of the Language Reference, date-time formats in Section 31.7.

LocaleTimeZoneName

The predefined string parameter `LocaleTimeZoneName` contains the local name of all standard time zones.

```
STRING PARAMETER:  
  identifier  : LocaleTimeZoneName  
  index domain : IndexTimeZones ;
```

See also:

The predeclared identifier `LocaleTimeZoneNameDST` contains the local name of all daylight saving time zones.

LocaleTimeZoneNameDST

The predefined string parameter `LocaleTimeZoneNameDST` contains the local name of all daylight saving time zones.

```
STRING PARAMETER:  
  identifier  : LocaleTimeZoneNameDST  
  index domain : IndexTimeZones ;
```

See also:

The predeclared identifier `LocaleTimeZoneName` contains the local name of all standard time zones.