class SxmlLib::SxmlCore

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```
unit package SxmlLib;
class SxmlCore { ... }
```

Synopsis

```
$|html [
  $|body [
    $!SxmlCore.comment [Some of the test follow below]
    $|p [ The date and time is now $!SxmlCore.date ]
  ]
]
```

Description

This is a library with some specific tools in order to insert simple daily text and to insert typical XML sentences like CDATA and COMMENT. The class SxmlLib::SxmlCore is by default mapped to the key SxmlCore in the configuration from resources.

Methods

date

```
$!SxmlCore.date year=2015 month=1 day=1
```

Attributes

- **year**. Specify a year

- **month**. Specify a month.

- **day**. Specify a day.

If any of the attributes are missing, the value of the current date of today is taken. The body of date, when provided, will be ignored and thrown away.

date-time

```
$!SxmlCore.date-time iso=0 utc=1 timezone=1234
```

Attributes

- **iso**. Default is 1. When in iso format, the date and time is in the format yyyy-mm-dd 'T' HH:MM:SS.sssss '+' HH:MM. When iso=0 the format is yyyy-mm-dd HH:MM:SS where 'T' becomes a space and milliseconds are removed.

- **utc**. Default is 0. Specify date and time at zulu time. The output will have a 'Z' attached.

- **timezone**. Default is the current timezone. Specify timezone in seconds.

Without attributes the date and time is taken from DateTime.now().

comment

```
$!SxmlCore.comment [ commented text ]
```

This will generate an XML comment

```
<!-- commented text -->
```

cdata

```
$!SxmlCore.cdata [ data text ]
```

This will generate a CDATA (character data) section

```
<![CDATA[ data text ]]>
```

pi

```
$!SxmlCore.pi target=xml-stylesheet [ href="mystyle.css" type="text/css" ]
```

Generate a PI (processing instruction). One cannot use this to generate the xml prelode (or xml declaration) at the start of a document!

```
<?xml-stylesheet href="mystyle.css" type="text/css"?>
```

Attributes

- **target**. Specify the target language. Reserved names start with 'xml' (any mix of lower and uppercase) like xml-stylesheet. This value must be set otherwise an undesired value 'no-target' is used.