

An example of using Clock in beamer

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Introduction

We are putting here a clock with the macro `\insertclock`

The default settings are used:

Before that, the macro `\initclock` must have been used (only one time !).

The font type can be specified, just before initializing the clock, with the macro `\clockfont{‘‘font’’}` where “font” is one of the adobe known fonts, given in keywords column in the next table

Text Font	Keyword
Times-Roman	font.Times
Times-Bold	font.TimesB
Times-Italic	font.TimesI
Times-BoldItalic	font.TimesBI
Helvetica	font.Helv
Helvetica-Bold	font.HelvB
Helvetica-Oblique	font.HelvI
Helvetica-BoldOblique	font.HelvBI
Courier	font.Cour
Courier-Bold	font.CourB
Courier-Oblique	font.CourI
Courier-BoldOblique	font.CourBI
Symbol	font.Symbol
ZapfDingbats	font.ZapfD

Here we have inserted the clock at the place reserved to the date, the foot line in the case of Madrid theme.

To do that, we have redefined the date contents with the order

```
\date{\raisebox{-1.8pt}{\insertclock}}
```

Colors and size are adjusted according to the theme.

Look at the foot!, the clock must be running.

The clock has moved down properly to fit it to the foot of this theme.

Now, in addition to the clock, we also insert a button to toggle between clock and stopwatch (left button), and a button to reset the stopwatch to zero (right button).

To do that, we have redefined the date with the order

```
\date{%  
\inserttogglebutton{}%  
\raisebox{-1.8pt}{\insertclock}%  
\insertresetbutton{}}
```

The clock must be running at the foot. Click at the left button, see what happens, and click at the right button and see the result.

Here we have just changed the colors and the size of the clock using the next sentences

```
\definecolor{myred}{rgb}{0.8,0,0}  
\definecolor{mycolor}{rgb}{0.80,0.50,0.20}  
\clockbg{mycolor}  
\clockbdcolor{myred}  
\clockfontcolor{black}  
\clockheight{0.20cm}  
\clockwidth{2.0cm}  
\clockfontsize{5pt}
```

Next, we insert a toggle button, with a text:

Click here to toggle clock-stopwatch

clock		<code>\insertclock</code>
stopwatch		<code>\insertcrono</code>
current time		<code>\inserttime</code>
current date		<code>\insertcurrentdate</code>