

PSTricks

pst-gantt

Gantt charts; v.0.21

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Documentation by
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Contents

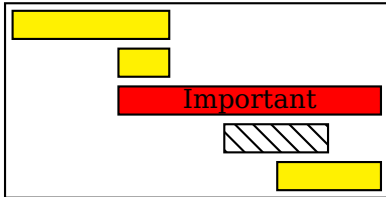
1 Environments and Macros	4
2 List of all optional arguments for pst-gantt	8
References	8

pst-gantt loads by default the following packages: pst-node, pst-grad, pst-xkey, and, of course pstricks. All should be already part of your local T_EX installation. If not, or in case of having older versions, go to <http://www.CTAN.org/> and load the newest version.

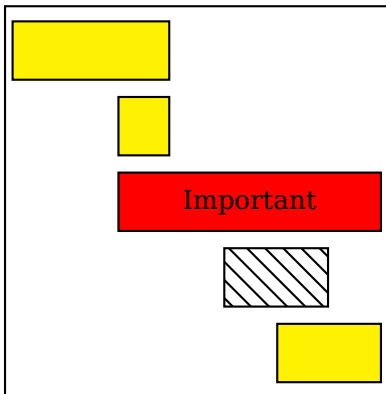
1 Environments and Macros

The main environment is `PstGanttChart` with the following syntax:

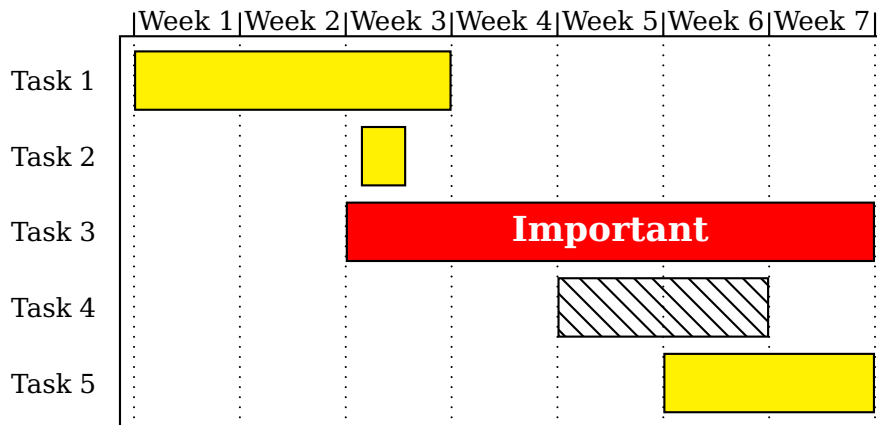
```
\begin{PstGanttChart} [Options] {vertical units}{horizontal units}
... \end{PstGanttChart}
\PstGanttTask [Options] {Start}{End}
```



```
1 \newsstyle{Important}{fillstyle=solid,
   fillcolor=red}
2 \newsstyle{NotImportant}{fillstyle=vlines}
3 \begin{PstGanttChart}{5}{7}
4 \PstGanttTask{0}{3}
5 \PstGanttTask{2}{1}
6 \PstGanttTask[TaskStyle=Important,
   TaskInsideLabel=Important]{2}{5}
7 \PstGanttTask[TaskStyle=NotImportant]{4}{2}
8 \PstGanttTask{5}{2}
9 \end{PstGanttChart}
```



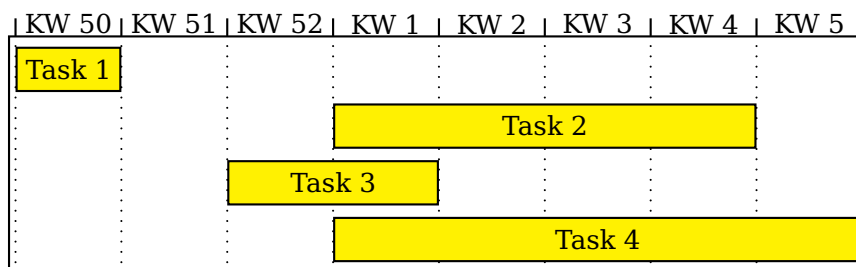
```
1 \newsstyle{Important}{fillstyle=solid,
   fillcolor=red}
2 \newsstyle{NotImportant}{fillstyle=vlines}
3 \begin{PstGanttChart}[yunit=2]{5}{7}
4 \PstGanttTask{0}{3}
5 \PstGanttTask{2}{1}
6 \PstGanttTask[TaskStyle=Important,%
   TaskInsideLabel=Important]{2}{5}
7 \PstGanttTask[TaskStyle=NotImportant]{4}{2}
8 \PstGanttTask{5}{2}
9 \end{PstGanttChart}
```



```

1 \newsstyle{Important}{fillstyle=solid,fillcolor=red}
2 \newsstyle{NotImportant}{fillstyle=vlines}
3 \begin{PstGanttChart}[unit=2,TaskOutsideLabelMaxSize=1,
4   ChartShowIntervals]{5}{7}
5 \PstGanttTask[TaskOutsideLabel={Task 1}]{0}{3}
6 \PstGanttTask[TaskOutsideLabel={Task 2},TaskUnitType=Day]{15}{3}%3 days start
   at 15
7 \PstGanttTask[TaskStyle=Important,TaskOutsideLabel={Task 3},
8   TaskInsideLabel={\Large\textcolor{white}{\textbf{Important}}}] {2}{5}
9 \PstGanttTask[TaskStyle=NotImportant,TaskOutsideLabel={Task 4}]{4}{2}
10 \PstGanttTask[TaskOutsideLabel={Task 5}]{5}{2}
11 \end{PstGanttChart}

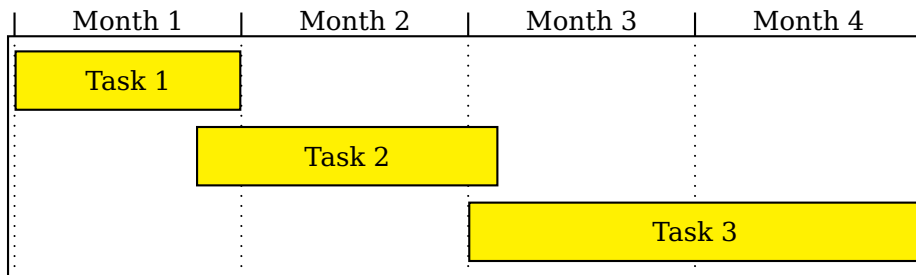
```



```

1 \begin{PstGanttChart}[yunit=1.5,
2   ChartUnitIntervalName=KW,ChartUnitBasicIntervalName=KW,
3   ChartModulo,ChartModuloValue=52,
4   TaskUnitIntervalValue=14,TaskUnitType=KW,ChartStartInterval=49,
5   ChartShowIntervals]{4}{8}
6 \PstGanttTask[TaskInsideLabel={Task 1}]{0}{1}
7 \PstGanttTask[TaskInsideLabel={Task 2}]{3}{4}
8 \PstGanttTask[TaskInsideLabel={Task 3}]{2}{2}
9 \PstGanttTask[TaskInsideLabel={Task 4}]{3}{5}
10 \end{PstGanttChart}

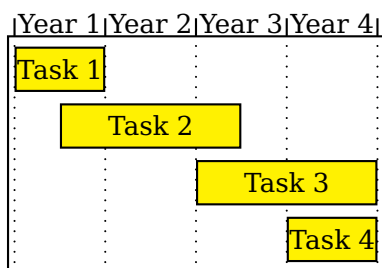
```



```

1 \begin{PstGanttChart}[yunit=2,ChartUnitIntervalName=Month,
2   TaskUnitIntervalValue=30,TaskUnitType=Month,ChartShowIntervals]{3}{4}
3 \PstGanttTask[TaskInsideLabel={Task 1}]{0}{1}
4 \PstGanttTask[TaskInsideLabel={Task 2},TaskUnitType=Day]{24}{40}% 40 days start
   at 24
5 \PstGanttTask[TaskInsideLabel={Task 3}]{2}{2}
6 \end{PstGanttChart}

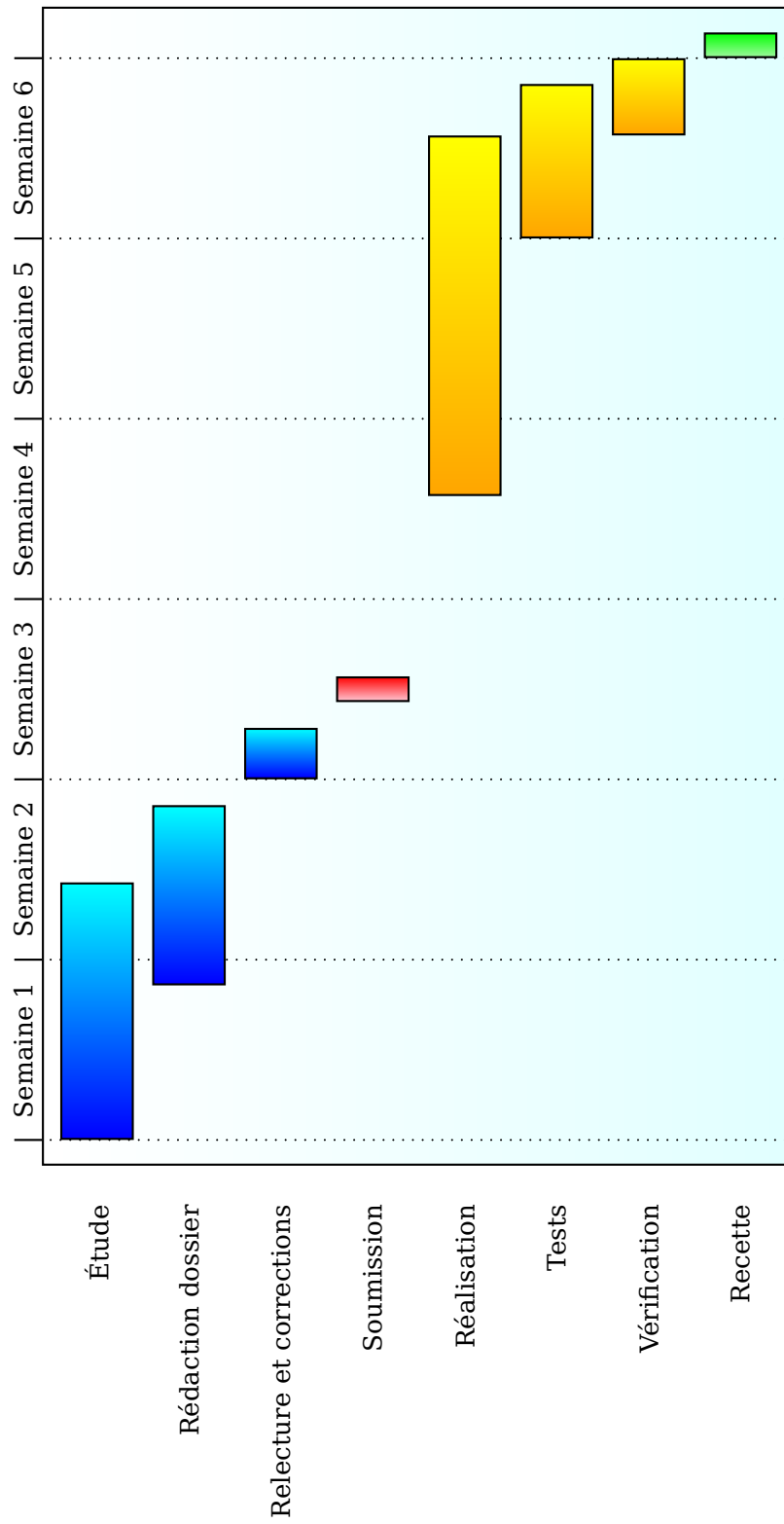
```



```

1 \begin{PstGanttChart}[yunit=1.5,
2   ChartUnitIntervalName=Year,
3   ChartUnitBasicIntervalName=Month,
4   TaskUnitIntervalValue=12,
5   TaskUnitType=Year,
6   ChartShowIntervals]{4}{4}
7 \PstGanttTask[TaskInsideLabel={Task
8   1}]{0}{1}
9 \PstGanttTask[TaskInsideLabel={Task 2},
10  TaskUnitType=Month]{6}{24}% 24 months
   start at 6
11 \PstGanttTask[TaskInsideLabel={Task
12  3}]{2}{2}
13 \PstGanttTask[TaskInsideLabel={Task
14  4}]{3}{1}
15 \end{PstGanttChart}

```



```

1 \definecolor{LightCyan} {rgb}{0.88,1.,1.}
2 \definecolor{Orange} {rgb}{1.,0.65,0.}
3 \definecolor{PaleGreen} {rgb}{0.6,0.98,0.6}
4 \definecolor{Pink} {rgb}{1.,0.75,0.8}
5 \psset{gradmidpoint=0,fillstyle=gradient,gradbegin=LightCyan,gradend=white}
6 \newsstyle{TaskStyleA}{gradbegin=cyan,gradend=blue}
7 \newsstyle{TaskStyleB}{gradbegin=red,gradend=Pink}
8 \newsstyle{TaskStyleC}{gradbegin=yellow,gradend=Orange}
9 \newsstyle{TaskStyleD}{gradbegin=green,gradend=PaleGreen}
10
11 \begin{PstGanttChart}[yunit=2.5,xunit=3.5,ChartUnitIntervalName=Semaine,
12     ChartUnitBasicIntervalName=Jour,TaskUnitType=Jour,
13     TaskOutsideLabelMaxSize=14,ChartShowIntervals]{8}{43}
14 \psset{gradangle=90,TaskStyle=TaskStyleA}
15 \PstGanttTask[TaskOutsideLabel={\'Etude}]{0}{10}
16 \PstGanttTask[TaskOutsideLabel={R\'edaction dossier}]{6}{7}
17 \PstGanttTask[TaskOutsideLabel={Relecture et corrections}]{14}{2}
18 \PstGanttTask[TaskOutsideLabel={Soumission},TaskStyle=TaskStyleB]{17}{1}
19 \psset{TaskStyle=TaskStyleC}
20 \PstGanttTask[TaskOutsideLabel={R\'ealisation}]{25}{14}
21 \PstGanttTask[TaskOutsideLabel={Tests}]{35}{6}
22 \PstGanttTask[TaskOutsideLabel={V\'erification}]{39}{3}
23 \PstGanttTask[TaskOutsideLabel={Recette},TaskStyle=TaskStyleD]{42}{1}
24 \end{PstGanttChart}

```

2 List of all optional arguments for pst-gantt

Key	Type	Default
PstPicture	boolean	true
ChartShowIntervals	boolean	true
ChartStartInterval	ordinary	1
ChartModulo	boolean	true
ChartModuloValue	ordinary	52
TaskStyle	ordinary	TaskStyleDefault
ChartUnitIntervalName	ordinary	Week
ChartUnitBasicIntervalName	ordinary	Day
TaskUnitIntervalValue	ordinary	7
TaskUnitType	ordinary	Week
TaskOutsideLabel	ordinary	
TaskInsideLabel	ordinary	
TaskOutsideLabelMaxSize	ordinary	0

References

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- [13] Timothy van Zandt and Denis Girou. Inside PSTricks. *TUGboat*, 15:239–246, September 1994.

Index

C

ChartModulo, 5
ChartModuloValue, 5
ChartShowIntervals, 5, 6
ChartStartInterval, 5
ChartUnitBasicIntervalName=Month, 6
ChartUnitIntervalName, 6
ChartUnitIntervalName=Year, 6

D

Day, 5, 6

E

Environment
– PstGanttChart, 4, 5

F

fillstyle, 4, 5

K

Keyword
– ChartModulo, 5
– ChartModuloValue, 5
– ChartShowIntervals, 5, 6
– ChartStartInterval, 5
– ChartUnitBasicIntervalName=Month, 6
– ChartUnitIntervalName, 6
– ChartUnitIntervalName=Year, 6
– fillstyle, 4, 5
– TaskInsideLabel, 4, 5
– TaskOutsideLabel, 5
– TaskOutsideLabelMaxSize, 5
– TaskStyle, 4, 5
– TaskUnitIntervalName, 6
– TaskUnitIntervalValue, 6
– TaskUnitIntervalValue=12, 6
– TaskUnitType, 5, 6
– TaskUnitType=Year, 6
– yunit, 6

M

Macro
– \PstGanttTask, 4, 5

Month, 6

P

Package
– pst-gantt, 3
– pst-grad, 3
– pst-node, 3
– pst-xkey, 3
– pstricks, 3
pst-gantt, 3
pst-grad, 3
pst-node, 3
pst-xkey, 3
PstGanttChart, 4, 5
\PstGanttTask, 4, 5
pstricks, 3

T

TaskInsideLabel, 4, 5
TaskOutsideLabel, 5
TaskOutsideLabelMaxSize, 5
TaskStyle, 4, 5
TaskUnitIntervalName, 6
TaskUnitIntervalValue, 6
TaskUnitIntervalValue=12, 6
TaskUnitType, 5, 6
TaskUnitType=Year, 6

V

Value
– Day, 5, 6
– Month, 6
– vlines, 4, 5
vlines, 4, 5

Y

yunit, 6