

customenvs-tikzpictos

(part of customenvs)

Small pictograms, with TikZ,
for manual or inline insertion.













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customenvs-tikzpictos is included with customenvs, but can be loaded independently !

Wifi	
Wifi (bars)	
Network	
Stars	
Speedometer	
BullsEye	
Battery	
Battery (flip)	
Skills	
Pill	
TrafficLight	
MiniCalendar	

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1 The package tikz-pictos

1.1 Ideas

The idea is to display some pictograms like. Each pictogram can be inserted inline with automatic height (with or without depth), or with a manual height.

1.2 Loading





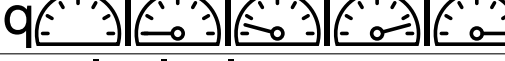







The package loads within the preamble, with `\usepackage{customenvs-tikzpictos}`.













If `customenvs` is loaded, it load itself `customenvs-tikzpictos`










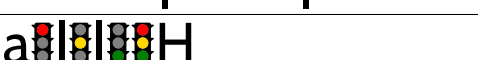


The only loaded packages are `simplekv`, `calc`, `simplekv`, `listofitems`, `xstring`, `xintexpr` and `tikz` (with `shapes.geometric` / `bbox` libraries).










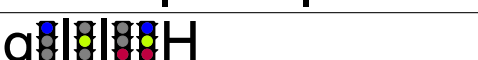


```
\usepackage{customenvs-tikzpictos}
```

1.3 Gallery

Wifi	q  H
Wifi (bars)	q  H
Network	q  H
Stars	q  H
Speedometer	q  H
BullsEye	q  H
Battery	q  H
Battery (flip)	q  H
Skills	q  H
Pill	q  H
TrafficLight	q  H
MiniCalendar	q  H

Wifi	q  H
Wifi (bars)	q  H
Network	q  H
Stars	q  H
Speedometer	q  H
BullsEye	q  H
Battery	q  H
Battery (flip)	q  H
Skills	q  H
Pill	q  H
TrafficLight	q  H
MiniCalendar	q  H

Wifi	a  H
Wifi (bars)	a  H
Network	a  H
Stars	a  H
Speedometer	a  H
BullsEye	a  H
Battery	a  H
Battery (flip)	a  H
Skills	a  H
Pill	a  H
TrafficLight	a  H
MiniCalendar	q  H

Wifi	a  H
Wifi (bars)	a  H
Network	a  H
Stars	a  H
Speedometer	a  H
BullsEye	a  H
Battery	a  H
Battery (flip)	a  H
Skills	a  H
Pill	a  H
TrafficLight	q  H
MiniCalendar	q  H

2 Macros

2.1 Global usage

```
\tkzpicto%  
  [keys]  
  <tikz options>  
  {type=params}
```

2.2 Wifi

```
\tkzpicto%  
  [style=...,height=...,colors=...]  
  <tikz options>  
  {wifi=level/nblevels}
```

```
\Huge  
\tkzpicto{wifi} %default (full)  
\tkzpicto[style=bar]{wifi} %default (bar)  
\tkzpicto{wifi=1} %with 4 levels  
\tkzpicto{wifi=5/7} %custom (full)  
\tkzpicto[style=bar]{wifi=5/9} %custom (bar)  
\tkzpicto[colors=violet/lime]{wifi=5/7} %colored custom
```



2.3 Network

```
\tkzpicto%  
  [height=...,colors=...]  
  <tikz options>  
  {network=level/nblevels}
```

```
\Huge  
\tkzpicto{network} %default  
\tkzpicto{network=1} %with 4 levels  
\tkzpicto{network=5/7} %full custom  
\tkzpicto[colors=orange/brown!50]{network=5/7} %colored custom
```



2.4 Stars

```
\tkzpicto%  
  [height=...,colors=...,offset=...]  
  <tikz options>  
  {stars=level/nblevels}
```

```

\Huge
\tkzpicto{stars} %default
\tkzpicto{stars=1} %with 4 levels
\tkzpicto{stars=1.25/4} %full custom
\tkzpicto[colors=teal/magenta]{stars=5/7} %colored custom

```



2.5 SpeedoMeter

```

\tkzpicto%
 [colors=...]
 <tikz options>
 {speedo=level/nblevels}

```

```

\Huge
\tkzpicto{speedo} %default
\tkzpicto{speedo=4} %with 4 levels
\tkzpicto{speedo=1.25/4} %full custom
\tkzpicto[colors=purple/olive]{speedo=5/7} %colored custom

```



2.6 Bullseye

```

\tkzpicto%
 [height=...,maincolor=...,color=TF,listcolors=...]
 <tikz options>
 {bullseye}

```

```

\Huge
\tkzpicto{bullseye} %default
\tkzpicto<rotate=-90>{bullseye} %default (rotate)
\tkzpicto[listcolors={teal,orange,lime},color]{bullseye} %with 4 levels

```



2.7 Battery

```

\tkzpicto%
 [height=...,maincolor=...,barcolor=...,flip=TF,scale=...,shaded=TF]
 <tikz options>
 {battery=nb/nblevels}

```

```

\Huge
\tkzpicto{battery} %default
\tkzpicto[flip]{battery} %default (flip)
\tkzpicto{battery=1} %custom
\tkzpicto[flip,scale=0.55]{battery=1} %custom flip scaled
\tkzpicto[barcolor=auto]{battery=3/9} %autocolor
\tkzpicto[maincolor=gray,barcolor=olive]{battery=7/8} %custom color

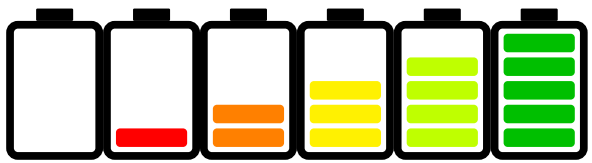
```



```

\xintFor* #1 in {\xintSeq{0}{5}}\do{\pictobattery[height=2cm,barcolor=auto]{#1/5}}

```



2.8 Skills

```

\tkzpicto%
 [height=...,colors=...,hoffset=...,voffset=...]
 <tikz options>
 {skills=nb/nblevels}

```

```

\Huge
\tkzpicto{skills} %default
\tkzpicto{skills=2} %custom
\tkzpicto[voffset=0.4]{skills=1/4} %custom
\tkzpicto[colors=blue/red]{skills=5/6} %custom color

```



```

\Huge
\pictoskillsgreen %alias for green (1/3)
\pictoskillsorange %alias for orange (2/3)
\pictoskillsred %alias for red (3/3)

```



2.9 Pill

```

\tkzpicto%
 [height=...,colors=...,offset=]
 <tikz options>
 {pill=nb/nblevels}

```

```

\Huge
\tkzpicto{pill} %default
\tkzpicto{pill=2} %custom
\tkzpicto[offset=0.2]{pill=3/4} %custom
\tkzpicto[colors=teal/orange]{pill=5/6} %custom color

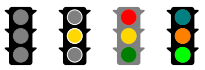
```



2.10 TrafficLight

```
\tkzpicto%  
  [height=...,maincolor=...,listcolors=...,borders=TF]  
  <tikz options>  
  {traffic=levels}
```

```
\Huge  
\tkzpicto{traffic} %default  
\tkzpicto[borders]{traffic=2} %custom  
\tkzpicto[maincolor=gray]{traffic=123} %custom  
\tkzpicto[listcolors={teal,orange,green}]{traffic=123} %custom color
```



2.11 MiniCalendar

```
\tkzpicto%  
  [height=...,color=...,daycolor=...,monthcolor=...]  
  <tikz options>  
  {calendar=day/month}  
  
%styles tikz for month/day  
\tikzset{minicalmonth/.style={font=\sffamily\bfseries,\minictikzcalendarcolmois}}  
\tikzset{minicalday/.style={font=\sffamily\bfseries,\minictikzcalendarcoljour}}
```

```
\Huge  
\tkzpicto{calendar=13/march} %default  
\tkzpicto[color=olive]{calendar=13/march} %custom color  
\tkzpicto[color=red,daycolor=red]{calendar=25/dec.} %custom colors
```



3 History

- v0.1.2 : Mini calendar
- v0.1.1 : Traffic Light
- v0.1.0 : Initial version