

# Milestone Plans with pgfgantt

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## 1 Example Milestone Plan

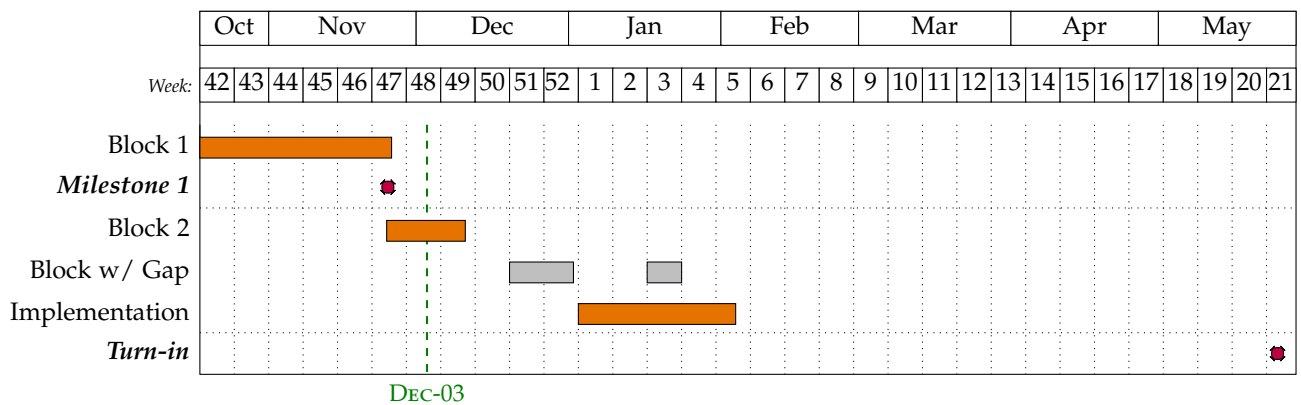


Figure 1: Milestone plant made with Gantt chart from: <https://ctan.org/pkg/pgfgantt?lang=de>. Made from documentation examples.

## 2 Source Code for Milestone Plan

```

\begin{gantchart}[
%%%% Info: The Start date needs to be set further down, moving it up, messes up the format.
%%%% No free lines are allowed in the gantchart,
%Overall Geometry
% With this and the font scaling, the size of the timeline
% can be adjusted, if too large, do landscape
vgrid={*{6}{draw=none}, dotted},
hgrid={*{2}{draw=none}, dotted},
x unit=.065cm,
y unit title=.75cm,
y unit chart=.55cm,
% Element Styles
bar label font = \fontsize{9.5}{9 }\selectfont,
title label font=\fontsize{9.5}{9}\selectfont,
vrule label font=\fontsize{9.5}{9}\selectfont,
milestone label font=\fontsize{9.5}{9 }\selectfont\bfseries\itshape,
milestone/.append style={anchor=center,xshift=-1.4pt},
milestone/.append style={color=purple,rounded corners=4pt,
inner sep=2pt,draw=black},
time slot format=isodate,
%%%% TIME INFO:
% Today
today={2021-12-03}, %Current Date
today label = Dec-03, % Current Date Label
today offset = 0.2,
today label font=\scshape\fontsize{9}{8}\selectfont,
% Color of the dashed rule for the today label
today rule/.style={green!50!black, thick, dashed},
%Set Start and end of timeline, update week
%Set style of Date format (Month first/Day first)
time slot format/start date=2021-10-18}{2021-10-18}{2022-05-28}
\setcounter{myWeekNum}{42}
\ganttset{calendar week text={\myWeek{}}}
\ganttset{bar height=.5}
% Decide what goes on top of the chart: years, months,
% weeks etc....and style it
\gantttitlecalendar{month=shortname, week} \
% Add label "Week" before the week counter
\gantttitle[title label node/.append style={
above left=12pt and -1pt}]{\textit{\fontsize{7}{7}
\selectfont Week:}\quad}{0}
% Actual elements
\ganttbars[bar/.append style={fill=orange!90!black}]{Block 1}{2021-10-18}{2021-11-25}\
\ganttmilestone{Milestone 1}{2021-11-25} \
\ganttbars[bar/.append style={fill=orange!90!black}]{Block 2}{2021-11-25}{2021-12-10}\
% Two bars separated on the same vertical level (no linebreak after the first)
\ganttbars[bar/.append style={fill=lightgray}]{2021-12-20}{2022-1-1}
\ganttbars[bar/.append style={fill=lightgray}]{Block w/ Gap}{2022-1-17}{2022-01-23}\
\ganttbars[bar/.append style={fill=orange!90!black}]{Implementation}{2022-1-3}{2022-02-03}\
\ganttmilestone{Turn-in}{2022-05-25} %\
\end{gantchart}

```