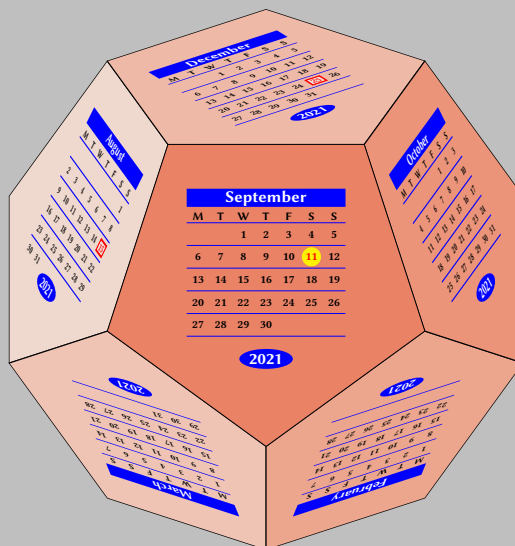


PSTricks

pst-calendar

A PSTricks package for creating calendars; v.0.48

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Documentation by
Herbert Voß

Package author(s):
Manuel Luque
Herbert Voß

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pst-calendar provides two macros for creating calendar pages or calendar dodecahedra. The month and year can be freely selected, although calendars are only possible between 2000 and 2099. The calculation takes place exclusively with the macros of the fp package.

Thanks to:
Denis Girou; Timmothy Van Zandt;

1 pst-calendar – different calendars

The package has the three options french, english and ngerman. english is selected by default, which means that the names of the months and weeks are then output in this language. Ngerman was chosen for this documentation. This package does not offer any calendar operations in the mathematical sense, but allows the output of calendar pages. pst-calendar has special language adaptations for English (standard), French and German. This also applies to the options listed in 1. There is no special \TeX version, so adjustments are necessary here if you are not working with \LaTeX .

```
\psCalendar [Options]
\psCalDodecaeder [Options]
```

If no data is specified, the current date is always assumed and the corresponding month for `\psCalendar` and the corresponding months for `\psCalDodecaeder` are printed.

Table 1: Available options for calendrierfp

<i>name</i>	<i>value</i>	<i>default</i>	<i>meaning</i>
Year	$\langle Integer \rangle$	<code>\number \year</code>	year
Month	$\langle 1 \dots 12 \rangle$	<code>\number \month</code>	month
MonthT	$\langle 1 \dots 12 \rangle$	<code>\number \month</code>	mark the current day in the given month
Day	$\langle 1 \dots 31 \rangle$	<code>\number \day</code>	month
Style	$\langle Month \rangle$	<code>\number \month</code>	month on the fron in a dodecaeder

September							January							February						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31							
2021							2021							2021						

```
\psscalebox{0.5}{\psCalendar}
\psscalebox{0.5}{\psCalendar[Year=2021,Month=1]}
\psscalebox{0.5}{\psCalendar[Year=2021,Tag=23,Month=2,MonthUse=2]}
```

The only problem are the holidays, which so far have been based exclusively on the French guidelines. However, the corresponding code sequences in the package are easy to recognize and can be changed accordingly. The output of a complete year can easily be realized with the help of the `\multido` macro.

January							February							March						
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28
25	26	27	28	29	30	31								29	30	31				
2021							2021							2021						

April						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

2021

May						
M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

2021

June						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

2021

July						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

2021

August						
M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2021

September						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

2021

October						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2021

November						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

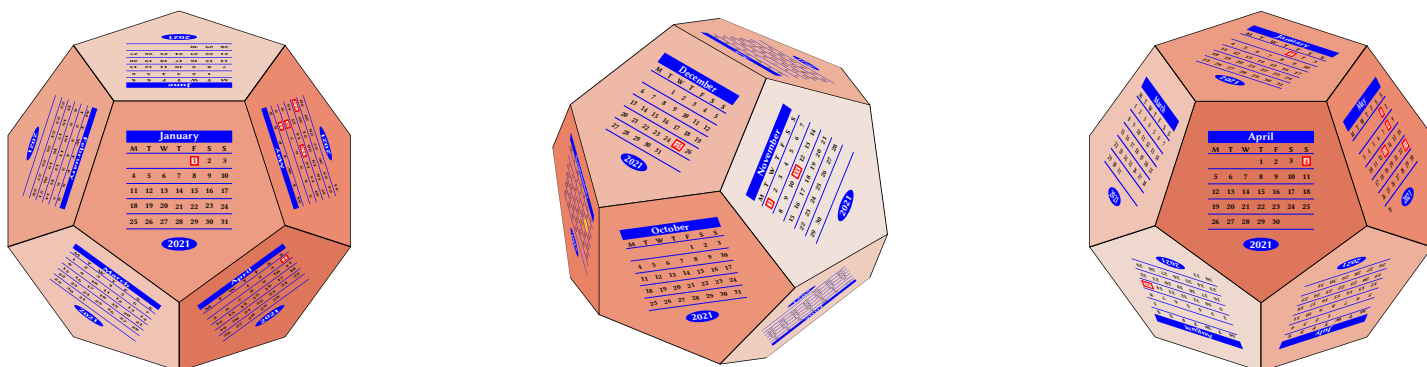
2021

December						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

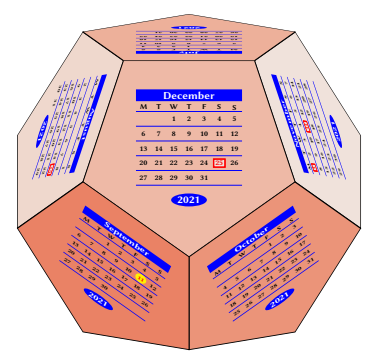
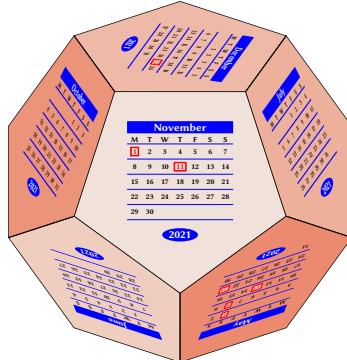
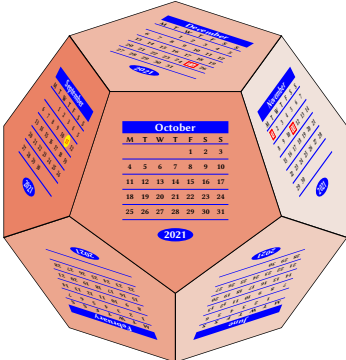
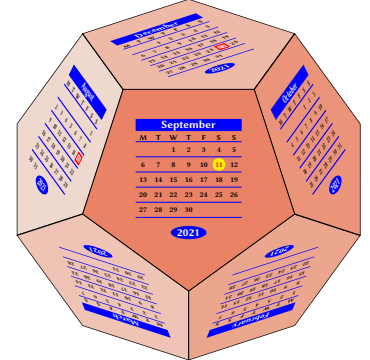
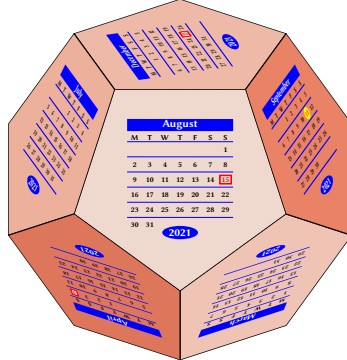
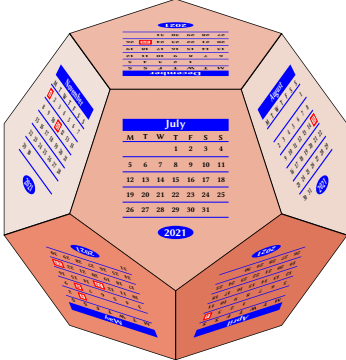
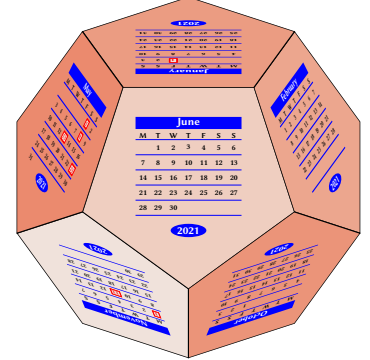
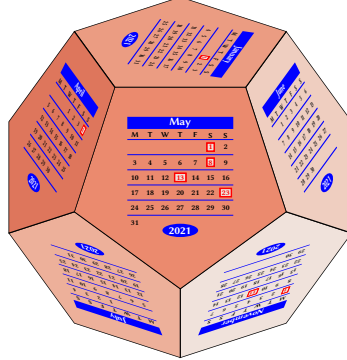
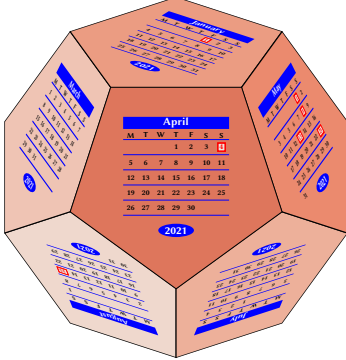
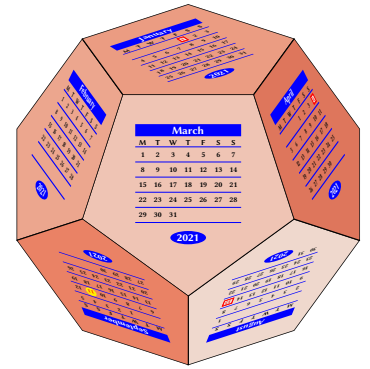
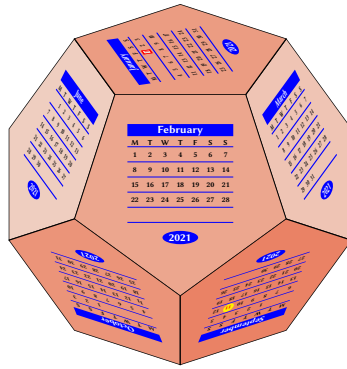
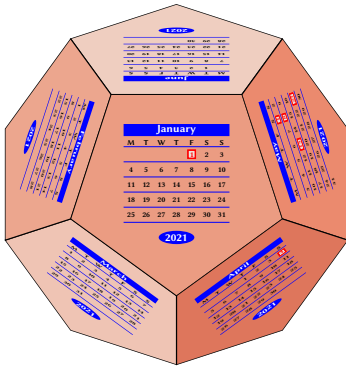
2021

```
\multido{\iM=1+3}{4}{%
\multido{\iMM=\iM+1}{3}{\psscalebox{0.5}{\psCalendar[Year=2021,Month=\iMM]}}\}
```

A much more appealing output enables `\psCalDodecaeder`, which arranges the months on the sides of a dodecahedron. Without specifying any month or year, January of the current year is assumed. With the option `style=(month)` you can always place a different month on the front.



```
\psscalebox{0.2}{\psCalDodecaeder}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,Month=1]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=april]}
```



```

\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=january]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=february]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=march]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=april]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=may]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=june]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=july]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=august]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=september]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=october]}\hfill
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=november]}\hfill

```

```
\psscalebox{0.2}{\psCalDodecaeder[Year=2021,style=deceber]}
```

2 List of the available options for pst-calendar

Key	Type	Default
Day	ordinary	1
MonthUse	ordinary	1
Month	ordinary	1
Year	ordinary	2099
Jour	ordinary	1
MoisChoisi	ordinary	1
Mois	ordinary	1
An	ordinary	2099
Tag	ordinary	1
MonatT	ordinary	1
Monat	ordinary	1
Jahr	ordinary	2099
Vx	ordinary	1
Vy	ordinary	1
Vz	ordinary	1

References

- [1] Michel Goossens et al. *The L^AT_EX Graphics Companion*. 2nd ed. Reading, Mass.: Addison-Wesley Publishing Company, 2007.
- [2] Laura E. Jackson and Herbert Voß. “Die Plot-Funktionen von pst-plot”. In: *Die T_EXnische Komödie* 2/02 (June 2002), pp. 27–34.
- [3] Nikolai G. Kollock. *PostScript richtig eingesetzt: vom Konzept zum praktischen Einsatz*. Vaterstetten: IWT, 1989.
- [4] Manuel Luque. *PSTricks application*. 2016. URL: <http://pstricks.blogspot.de>.
- [5] Herbert Voß. “Die mathematischen Funktionen von Postscript”. In: *Die T_EXnische Komödie* 1/02 (Mar. 2002), pp. 40–47.
- [6] Herbert Voß. *PSTricks – Graphics for T_EX and L^AT_EX*. 1st ed. Cambridge: UIT, 2011.
- [7] Herbert Voß. *L^AT_EX quick reference*. Cambridge: UIT, 2011.