

# Winfonts & windingbats

## Two packages to use Windows core fonts

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January 17, 2006

### 1 Introduction

The packages `winfonts` and `windingbats` provide all the files needed to use the standard Windows fonts with MikT<sub>E</sub>X.

These fonts are distributed with Windows XP, in TrueType format. It is possible to use them with `pdftex`. Using the MikT<sub>E</sub>X distribution, it is also possible to visualize dvi document using `yap`. It is impossible to use these fonts in Postscript or Encapsulated Postscript document.

To install the packages, please consult the provided `README` file.

### 2 Available fonts

#### 2.1 Text fonts

The following fonts are available:

Family	L <sup>A</sup> T <sub>E</sub> X name	series	shapes
Arial	<code>arial</code>	<code>m,b</code> <code>c (Arial Black)</code>	<code>n, it</code> <code>n</code>
Comic Sans	<code>comicsans</code>	<code>m,b</code>	<code>n</code>
Courier	<code>courier-ttf</code>	<code>m,b</code>	<code>n</code>
Franklin Gothic	<code>franklingothic</code>	<code>m</code>	<code>n, it</code>
Georgia	<code>georgia</code>	<code>m, b</code>	<code>n, it</code>
Impact	<code>impact</code>	<code>m</code>	<code>n</code>
Palatino	<code>palatino-ttf</code>	<code>m, b</code>	<code>n, it, sc, ic</code>
Sylfaen	<code>sylfaen</code>	<code>m</code>	<code>n</code>
Tahoma	<code>tahoma</code>	<code>m, b</code>	<code>n, it</code>
Times New Roman	<code>times-ttf</code>	<code>m, b</code>	<code>n, it</code>
Trebuchet	<code>trebuchet</code>	<code>m, b</code>	<code>n, it</code>
Verdana	<code>verdana</code>	<code>m, b</code>	<code>n, it</code>

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
\*`paul.pichaureau@alcandre.net`


The series “m” and “b” corresponds respectively to medium and **bold** weight. The shape “n” is normal, the shape “it” is *italic*, “sc” corresponds to small capital and “ic” is italic small capitals.

The Palatino, Times and Courier family have received a name postfixed by `-tff` to prevent confusion with postscript versions of these fonts.

## 2.2 Dingbats fonts

The two dingbats fonts distributed with Windows, `webdings` and `wingding`, are also supported. To access their symbol, use the `pifont` package and especially the `\Pisymbol` command.

At each symbol, a number is associated. For example `\Pisymbol{webdings}{8}` produces the symbol . You will find all the available symbols and their numbers in the tables [1](#) and [2](#).

The `wingdings` package provide a convenient way to access to all the symbols: it associates a command to each symbol. For example `\WDGtrophy` gives . The commands are indicated in the appendix.

## 3 Usage

The provided  $\text{\LaTeX}$  package `winfonts` is a small file that switch to T1 encoding and load the `texcomp`. It is not indispensable at all.

### 3.1 How to select a family ?

To use a font in your document, first you must switch in T1 encoding:

```
\usepackage[T1]{fontenc}
```

Select the family you want to use with the command `\fontfamily` followed by `\selectfont`. For example:

```
\fontfamily{georgia}\selectfont
```

The argument of the `\selectfont` command is the  $\text{\LaTeX}$  name of the family you want to use.

### 3.2 How to redefine the sans serif family ?

To redefine the sans-serif font used in your document, redefine the `\sfdefault` command in the preamble of your document. For example:

```
\renewcommand{\sfdefault}{verdana}
```

You can also change the typewriter font of the document by redefining the `\ttdefault` command.

### 3.3 How to use the euro currency symbol ?

First load the `textcomp` package and then, use the `\texteuro` command : €.

### 3.4 How to use Palatino italic Small Caps ?

The italic shape of small caps Palatino are accessible *via* the commands

```
\usefont{T1}{palatino-ttf}{m}{ic} ITALIC SMALL CAPS NORMAL  
\usefont{T1}{palatino-ttf}{b}{ic} ITALIC SMALL CAPS BOLD
```

## 4 Requirements and limitations

This package is especially suited for MikTeX v2.4 or higher, running on Microsoft Windows XP. (It should work with other version of Windows.)

With these fonts, the T1 encoding is not not complete: some glyph are missing, depending on the font. I'm afraid it won't be possible to complete them in the future. You should test closely a font before using it for productive works.

8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71
72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103
104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119
120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143
144	145	146	147	148	149	150	151
152	153	154	155	156	157	158	159
160	161	162	163	164	165	166	167
168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183
184	185	186	187	188	189	190	191
192	193	194	195	196	197	198	199
200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215
216	217	218	219	220	221	222	223
224	225						

Table 1: Symbols in the webdings font.







































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	32	33	34	35
36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51
52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67
68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83
84	85	86	87	88	89	90	91
92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107
108	109	110	111	112	113	114	115
116	117	118	119	120	121	122	123
124	125	126	127	128	129	130	131
132	133	134	135	136	137	138	139
140	141	142	143	144	145	146	147
148	149	150	151	152	153	154	155
156	157	158	159	160	161	162	163
164	165	166	167	168	169	170	171
172	173	174	175	176	177	178	179
180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195
196	197	198	199	200	201	202	203
204	205	206	207	208	209	210	211
212	213	214	215	216	217	218	219
220	221	222	223	224			







































































Table 2: Symbols in the wingding font.

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## 5 Appendix: commands defined in windingbats

Symbols	#	Commands	Symbols	#	Commands
	8	\WDGtrophy		9	\WDGaward
	10	\WDGlinks		11	\WDGtalkleft
	12	\WDGtalkright		13	\WDGnew
	14	\WDGupdated		15	\WDGhot
	16	\WDGgibbon		17	\WDGcheckerboard
	18	\WDGslash		19	\WDGUi minimize
	20	\WDGUi maximize		21	\WDGUi tile
	22	\WDGUi back		23	\WDGUi forward
	24	\WDGUi up		25	\WDGUi down
	26	\WDGUi reverse		27	\WDGUi fastforward
	28	\WDGUi begin		29	\WDGUi end
	30	\WDGUi pause		31	\WDGUi stop
	32	\WDGUi record		33	\WDGfontsize
	34	\WDGvote		35	\WDGtools
	36	\WDGunderconstruction		37	\WDGtown
	38	\WDGcity		39	\WDGderelictsite
	40	\WDGdesert		41	\WDGfactory
	42	\WDGpublicbuil		43	\WDGhome
	44	\WDGbeach		45	\WDGisland







































































Symbols	#	Commands	Symbols	#	Commands
	46	\WDGmotorway		47	\WDGsearch
	48	\WDGmountain		49	\WDGsight
	50	\WDGhearing		51	\WDGpark
	52	\WDGcamping		53	\WDGrailroad
	54	\WDGstadium		55	\WDGship
	56	\WDGsoundon		57	\WDGsoundoff
	58	\WDGsoundleft		59	\WDGsoundright
	60	\WDGfavorite		61	\WDGoccasion
	62	\WDGthoughtleft		63	\WDGbackslash
	64	\WDGthoughtright		65	\WDGchat
	66	\WDGconference		67	\WDGloop
	68	\WDGUIcheck		69	\WDGbicycle
	70	\WDGboxopen		71	\WDGsheild
	72	\WDGpackage		73	\WDGfire
	74	\WDGboxsolid		75	\WDGmedical
	76	\WDGinformation		77	\WDGplanesmall
	78	\WDGsatellite		79	\WDGnavigate
	80	\WDGjump		81	\WDGcirclesolid
	82	\WDGboat		83	\WDGpolice
	84	\WDGUIrefresh		85	\WDGUIclose
	86	\WDGUIhelp		87	\WDGtrain
	88	\WDGmetro		89	\WDGbus
	90	\WDGflag		91	\WDGnot
	92	\WDGnoentry		93	\WDGnosmoking
	94	\WDGshoutleft		95	\WDGbar
	96	\WDGshoutright		97	\WDGlightningbolt
	98	\WDGman		99	\WDGwoman
	100	\WDGboy		101	\WDGgirl
	102	\WDGbaby		103	\WDGscifi
	104	\WDGhealth		105	\WDGskier
	106	\WDGhobby		107	\WDGgolfer
	108	\WDGpool		109	\WDGsurf
	110	\WDGmotorcycle		111	\WDGgracecar
	112	\WDGauto		113	\WDGfinance
	114	\WDGcommodities		115	\WDGmoney

Symbols	#	Commands	Symbols	#	Commands
	116	\WDGprice		117	\WDGcreditcard
	118	\WDGratingfamily		119	\WDGratingviolence
	120	\WDGratingsex		121	\WDGratinglanguage
	122	\WDGratingquality		123	\WDGemail
	124	\WDGsend		125	\WDGmail
	126	\WDGwrite		127	\WDGinbox
	128	\WDGoutbox		129	\WDGtextdoc
	130	\WDGtextgraphicdoc		131	\WDGgraphicdoc
	132	\WDGframes		133	\WDGnoframes
	134	\WDGclipboard		135	\WDGnote
	136	\WDGcalender		137	\WDGbook
	138	\WDGreference		139	\WDGnews
	140	\WDGclassified		141	\WDGarchive
	142	\WDGindex		143	\WDGart
	144	\WDGtheatre		145	\WDGmusic
	146	\WDGMIDI		147	\WDGmicrophone
	148	\WDGheadphones		149	\WDGCCDROM
	150	\WDGfilmclip		151	\WDGpointofinterest
	152	\WDGticket		153	\WDGfilm
	154	\WDGmovies		155	\WDGvideo
	156	\WDGstereo		157	\WDGradio
	158	\WDGlevelcontrol		159	\WDGaudiocontrol
	160	\WDGtelevision		161	\WDGcomputersone
	162	\WDGcomputerstwo		163	\WDGcomputersthree
	164	\WDGcomputersfour		165	\WDGjoystick
	166	\WDGgamepad		167	\WDGphone
	168	\WDGfax		169	\WDGpager
	170	\WDGcellularphone		171	\WDGmodem
	172	\WDGprinter		173	\WDGcalculator
	174	\WDGfolder		175	\WDGdisk
	176	\WDGcompression		177	\WDGlocked
	178	\WDGunlocked		179	\WDGencryption
	180	\WDGclock		181	\WDGovalshape
	182	\WDGsunny		183	\WDGmostlysunny
	184	\WDGmostlycloudy		185	\WDGshowers


























































Symbols	#	Commands	Symbols	#	Commands
	186	\WDGcloudy		187	\WDGsnow
	188	\WDGrain		189	\WDGinvestigate
	190	\WDGlightning		191	\WDGtwister
	192	\WDGwind		193	\WDGfog
	194	\WDGmoon		195	\WDGtemperature
	196	\WDGlifestyles		197	\WDGguestrooms
	198	\WDGdining		199	\WDGlounge
	200	\WDGservices		201	\WDGshopping
	202	\WDGparking		203	\WDGhandycap
	204	\WDGcaution		205	\WDGmarker
	206	\WDGeducation		207	\WDGGraysabove
	208	\WDGGraysbelow		209	\WDGGraysleft
	210	\WDGGraysright		211	\WDGairplane
	212	\WDGanimal		213	\WDGbird
	214	\WDGfish		215	\WDGdog
	216	\WDGcat		217	\WDGrocketleft
	218	\WDGrocketright		219	\WDGrocketup
	220	\WDGrocketdown		221	\WDGworldmap
	222	\WDGglobeone		223	\WDGglobetwo
	224	\WDGglobethree		225	\WDGpeace

Symbols	#	Commands	Symbols	#	Commands
	4	\WDGpencil		5	\WDGscissors
	6	\WDGscissorscutting		7	\WDGreadingglasses
	8	\WDGbell		9	\WDGaltbook
	10	\WDGcandle		11	\WDGtelephonesolid
	12	\WDGtelhandsetcirc		13	\WDGenvelopeback
	14	\WDGenvelopefront		15	\WDGmailboxflagdwn
	16	\WDGmailboxflagup		17	\WDGmailbxopnflgup
	18	\WDGmailbxopnflgdwn		19	\WDGaltfolder
	20	\WDGfolderopen		21	\WDGfiletalltextone
	22	\WDGfiletalltext		23	\WDGfiletalltextthree
	24	\WDGfilecabinet		25	\WDGhourglass
	26	\WDGkeyboard		27	\WDGmousetobutton
	28	\WDGballpoint		29	\WDGpc

Symbols	#	Commands	Symbols	#	Commands
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	32	\WDGaltfloppy		33	\WDGtapereel
	34	\WDGhandwrite		35	\WDGhandwriteleft
	36	\WDGhandv		37	\WDGhandok
	38	\WDGthumbup		39	\WDGthumbdown
	40	\WDGhandptleft		41	\WDGhandptright
	42	\WDGhandptup		43	\WDGhandptdwn
	44	\WDGhandhalt		45	\WDGsmileface
	46	\WDGneutralface		47	\WDGfrownface
	48	\WDGbomb		49	\WDGskullcrossbones
	50	\WDGaltflag		51	\WDGpennant
	52	\WDGaltairplane		53	\WDGsunshine
	54	\WDGdroplet		55	\WDGsnowflake
	56	\WDGxmarkbld		57	\WDGcheckbld
	58	\WDGboxxmarkbld		59	\WDGboxcheckbld
	60	\WDGcrossoutline		61	\WDGcrossshadow
	62	\WDGcrossceltic		63	\WDGcrossmaltese
	64	\WDGstarofdavid		65	\WDGcrescentstar
	66	\WDGyinyang		67	\WDGom
	68	\WDGwheel		69	\WDGaries
	70	\WDGtaurus		71	\WDGgemini
	72	\WDGcancer		73	\WDGleo
	74	\WDGvirgo		75	\WDGlibra
	76	\WDGscorpio		77	\WDGsaggitarius
	78	\WDGcapricorn		79	\WDGaquarius
	80	\WDGpisces		81	\WDGampersanditlc
	82	\WDGampersandit		83	\WDGquotedblleftbld
	84	\WDGquotedblrtbld		85	\WDGgrosette
	86	\WDGgrosettesolid		87	\WDGbudleafne
	88	\WDGbudleafnw		89	\WDGbudleafsw
	90	\WDGbudleafse		91	\WDGvineleafboldne
	92	\WDGvineleafboldnw		93	\WDGvineleafboldsw
	94	\WDGvineleafboldse		95	\WDGclear
	96	\WDGescape		97	\WDGcommand
	98	\WDGzerosans		99	\WDGonesans

Symbols	#	Commands	Symbols	#	Commands
②	100	\WDGtwosans	③	101	\WDGthreesans
④	102	\WDGfoursans	⑤	103	\WDGfivesans
⑥	104	\WDGsixsans	⑦	105	\WDGsevensans
⑧	106	\WDGeightsans	⑨	107	\WDGninesans
⑩	108	\WDGtensans	⑩	109	\WDGzerosansinv
①	110	\WDGonesansinv	②	111	\WDGtwosansinv
③	112	\WDGthreesansinv	④	113	\WDGfoursansinv
⑤	114	\WDGfivesansinv	⑥	115	\WDGsixsansinv
⑦	116	\WDGsevensansinv	⑧	117	\WDGeightsansinv
⑨	118	\WDGninesansinv	⑩	119	\WDGtensansinv
•	120	\WDGcircletwo	•	121	\WDGcirclefour
●	122	\WDGcirclesix	○	123	\WDGringttwo
⦿	124	\WDGringfour	⦿	125	\WDGringsix
⦿	126	\WDGringbuttontwo	⦿	127	\WDGtarget
○	128	\WDGcircleshadowup	○	129	\WDGcircleshadowdown
▪	130	\WDGsquaretwo	▪	131	\WDGsquarefour
■	132	\WDGsquaresix	□	133	\WDGboxtwo
□	134	\WDGboxthree	□	135	\WDGboxfour
□	136	\WDGboxshadowup	□	137	\WDGboxshadowdown
◆	138	\WDGrhombusfour	◆	139	\WDGrhombussix
◆	140	\WDGlozengefour	◆	141	\WDGlozengesix
★	142	\WDGalttristar	★	143	\WDGaltcrosstar
★	144	\WDGaltpentastar	★	145	\WDGalthexstar
★	146	\WDGaltoctastar	★	147	\WDGdodecastarthree
★	148	\WDGoctastarfour	⊕	149	\WDGregistersquare
⊕	150	\WDGregistercircle	⋄	151	\WDGcusppopen
⋄	152	\WDGaltcusppopen	⋄	153	\WDGxrhombus
⋄	154	\WDGquery	★	155	\WDGcirclestar
☆	156	\WDGstarshadow	🕒	157	\WDGoneoclock
🕒	158	\WDGtwooclock	🕒	159	\WDGthreeoclock
🕒	160	\WDGfouroclock	🕒	161	\WDGfiveoclock
🕒	162	\WDGsixoclock	🕒	163	\WDGsevenoclock
🕒	164	\WDGeightoclock	🕒	165	\WDGnineoclock
🕒	166	\WDGtenoclock	🕒	167	\WDGelevenoclock
🕒	168	\WDGtwelveoclock	↙	169	\WDGarrowdownleft

Symbols	#	Commands	Symbols	#	Commands
	170	\WDGarrowdownrt		171	\WDGarrowupleft
	172	\WDGarrowuprt		173	\WDGarrowleftup
	174	\WDGarrowrtup		175	\WDGarrowleftdown
	176	\WDGarrowrtdwn		177	\WDGquiltsquare
	178	\WDGquiltsquareinv		179	\WDGleafccsw
	180	\WDGleafccwnw		181	\WDGleafccwse
	182	\WDGleafccwne		183	\WDGleafnw
	184	\WDGleafsw		185	\WDGleafne
	186	\WDGleafse		187	\WDGdeletelleft
	188	\WDGdeleteright		189	\WDGheadleft
	190	\WDGheadright		191	\WDGheadup
	192	\WDGheaddown		193	\WDGcircleleft
	194	\WDGcircleright		195	\WDGcircleup
	196	\WDGcircledown		197	\WDGbarbleft
	198	\WDGbarbright		199	\WDGbarbup
	200	\WDGbarbdown		201	\WDGbarbnw
	202	\WDGbarbne		203	\WDGbarbse
	204	\WDGbarbse		205	\WDGaltbarbleft
	206	\WDGaltbarbright		207	\WDGaltbarbup
	208	\WDGaltbarbdown		209	\WDGaltbarbnw
	210	\WDGaltbarbne		211	\WDGaltbarbse
	212	\WDGaltbarbse		213	\WDGbleft
	214	\WDGbright		215	\WDGbup
	216	\WDGbdown		217	\WDGbleftright
	218	\WDGbupdown		219	\WDGbnw
	220	\WDGbne		221	\WDGbsw
	222	\WDGbse		223	\WDGbdash
	224	\WDGaltbdash			