

Package `ascii-emoticon` v. 1.0 User Guide

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Overview

The `ascii-emoticon` package provides control sequences for 222 ASCII emoticons (not emojis) and an interface to define even more. Emoticons work in both regular text and math mode.

The `ascii-emoticon` package defines control sequences for 222 ASCII emoticons. This package does not provide access to emojis—other packages can accomplish that task. The package provides two modest advantages over typing emoticons by hand. First, control sequences can shorten the names of long emoticons. For example, `\fish` is easier to type than `><))v)'>`. Second, `ascii-emoticon` handles catcodes automatically, which saves the user from having to type `\verb` or use unexpandable control sequence such as `\$` or `\%`, which can be relevant for certain niche use cases. I divided the control sequences into “standard” emoticons, which I’ve seen before or found references to, and “nonstandard” emoticons, which are short strings that vaguely resemble their meaning. Emoticons work in regular text and math mode.

Users who want to create their own emoticons or redefine the commands in this package should use `\DeclareEmoticon`. It should appear only in the preamble, and its syntax is

```
\DeclareEmoticon{<control sequence>}{<emoticon>}
```

This command defines *control sequence* to expand to *emoticon*. The emoticon can contain any special characters other than `\`, `{`, and `}`. To include these characters in the *emoticon*, users should type `\\`, `\{`, or `\}` respectively. The package will not redefine control sequences that already have meanings if those meanings are not emoticons. If you must redefine a control sequence, say `\mycs`, to be an emoticon, you should undefine it by typing

```
\let\mycs\undefined
```

before using `\DeclareEmoticon`.

Control sequence names are straightforward. A `p` at the beginning of the control sequence means parentheses, and an `n` at the end means “nose” (in the case of face-like emoticons). Each emoticon control sequence typesets the characters normally, and you can add `tt` to the beginning of the control sequence to convert the characters to the current fixed-width font. For example, `\smiley` produces `:)`, and `\ttsmiley` produces `:)`.

For advanced users: emoticon control sequences are not expandable, but if you need the list of characters that form the emoticon, for example to include inside an `\edef` or `\write`, you should preface the emoticon name with `\emoticon`. For example,

```
\immediate\write\mywrite{\winkyn}
```

writes `\winkyn` to `\mywrite`, but

```
\immediate\write\mywrite{\emoticon\winkyn}
```

writes `;-)` to `\mywrite`. If you use `\emoticon` with a `tt` emoticon name, you will end up with an extra `\ttfamily`. The `\emoticon` command is not valid in math mode.

Standard Emoticons

Mark	Control Sequence	Mark	Control Sequence	Mark	Control Sequence
\$_\$	\payday	*<]:)	\santa	>:)	\evil
%)	\confused	*<]:-)	\santan	>:-(-	\madn
%-)	\confusedn	*_*	\crazy	>:-)	\eviln
%_%	\steampunk	--_--	\soporific	>;)	\devious
'-'	\unphased	-_-	\derp	>;-)	\deviousn
(\$_\$)	\ppayday	._.	\awake	><))v)'>	\fish
(%_%)	\psteampunk	: '(	\cry	>_<	\ugh
(' -')	\punphased	: '-(-	\cryn	?_?	\questioning
(' -')>	\salute	: (	\sad	@>-->--	\rose
(*^.^*)	\lovely	: ()	\monkey	@_@	\amazed
(*_*)	\pcrazy	:)	\smiley	@}->->-	\varrose
(--_--)	\psoporific	: -(	\sadn	[-o-]	\vartiefighter
(-_ -)	\pderp	: -()	\monkeyn	[:]	\robot
(._.)	\pawake	: -)	\smileyn	\(^o^)/	\woot
(._.)?	\calling	: -/	\mehn	^_^	\happy
::[::]	\bandage	: -3	\catn	^_~'	\unsure
(;_;	\ptears	: -D	\grinn	B)	\sunglasses
(=^.^=)~	\fatcat	: -P	\tonguen	B-)	\sunglassesn
(=_=)	\psleepy	: -X	\keepsecretn	i_i	\eyebags
(=_=)zzz	\asleep	: /	\meh	m('u')m	\varkilroy
(>._.)>	\hug	: 3	\cat	m(._.)m	\kilroy
(>_<)	\pugh	: D	\grin	n(.m.)n	\bat
(?_?)	\pquestioning	: P	\tongue	O:)	\angel
(@_@)	\pamazed	: X	\keepsecret	O:-)	\angeln
(^_~')	\punsure	;)	\winky	o_o	\hello
(^_^)	\phappy	; -)	\winkyn	o_0	\uhoh
(_)3	\beercup	; -D	\jokeyn	o_q	\monocle
(_)>	\teacup	; _;	\tears	o{-<]	\skateboard
(i_i)	\peyebags	; D	\jokey	p_q	\glasses
(o_o)	\phello	<('O')>	\wow	T_T	\teyes
(o_0)	\puhoh	<(^o^)>	\amazing	V.v.V	\crab
(o_q)	\pmonocle	<(`^^)>	\gah	X-D	\laughingn
(p_q)	\pglasses	</3	\broken	x_x	\dead
(T_T)	\pteyes	<3	\heart	XD	\laughing
(x_x)	\pdead	<:3(_))~	\mouse	-o -	\tiefighter
(~_~)	\pworried	=_ =	\sleepy	~(_:-()	\homer
****:-)	\marge	>: (	\mad	~_~	\worried

Nonstandard Emoticons

Mark	Control Sequence	Mark	Control Sequence	Mark	Control Sequence
!_!	\rabbit	<"=	\duckling	[&]	\office
#	\tictactoe	<*>	\sunburst	[+]	\moth
%>-	\varbouquet	<+>	\batling	[?]	\powerup
(!)	\bang	<@>	\penguin	[]	\sandwich
(&)	\shrine	<]	\paperhat	^*^	\bee
(*)	\pufferfish	<^>	\goose	^?^	\coat1
(?)	\riddle	<0>	\evileye	^@^	\dragon
(@)	\mollusk	< :	\witch	c-	\mushroom
(0)	\eyeball	< >	\stingray	C>-	\pear
*	\star	=+=	\satellite	D-	\bell
-	\barbell	=-*	\comet	D--	\plunger
*8:	\troll	=D~	\plug	D>-	\sconce
*:>	\rooster	>	\gnat	E3	\bread
~	\bola	>"<	\crabbling	E3~	\toast
+~3	\anchor	>*<	\bonbon	o+<	\human
-	\twig	>-{	\chalice	X*~	\campfire
-(	\wine	>.<	\mole	{*}	\dragonfruit
-*	\flower	>>	\gnu	:	\street
-*D	\horseshoecrab	>>>	\python	=	\bridge
--	\stick	>j<	\dragonfly	}-3	\chandelier
--E	\trident	@	\snail	~	\worm
-;	\hammer	@-*	\potato	~*	\polyp
-<	\antibody	@-3	\nettle	~*:	\mouseling
-<>	\cottoncandy	@->	\weevil	~*>	\rat
-<D	\luminaire	@.?	\lion	~*X	\alligator
-=	\knife	@:	\frog	~:>	\fox
-E	\fork	@:-	\squid	~=	\candle
-0	\spoon	@:>	\peacock	~=*	\dog
-o	\lollipop	@=C	\phage	~=>	\wolf
-{	\martini	@>-	\bouquet	~=[	\gulper
.^.	\rocket	@@	\owl	~=I	\hammerhead
:-	\mosquito	@@:	\caterpillar	~^>	\shark
:-:	\branch	@@@	\eggs	~D	\tea
:=:	\logs	@^>	\lizard	~o	\tadpole
:>	\bird	@~	\jellyfish	~~	\snake
:@:	\beetle	@~<	\fishbones	~~<	\viper
:0:	\bug	@~>	\demon	~~D	\soup