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Emoji

From
Wikipedia, the
free
encyclopedia

a free online encyclopedia
Wiktionary
Wiktionary is a web-based Open Content dictionary
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This article c
Without proper
see [question r](#)
symbols.

Emoji (絵文字

?) is the
Japanese
term for the
picture
characters or
[emoticons](#)
used in
Japanese
electronic
messages
and
webpages.
Originally
meaning
[pictograph](#),
the word
literally
means

[Printable version](#)

Languages

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"picture" (*e*) +
"letter" (*moji*).

The
characters are
used much
like
[emoticons](#)
elsewhere,
but a wider
range is
provided, and
the icons are
standardized
and built into
the handsets.
Some emoji
are very
specific to
Japanese
culture, such
as a bowing
(apologizing)
businessman,
a face wearing
a [face mask](#)
or a group of
emoji
representing
popular foods:
[ramen](#)
noodles,
[dango](#), [onigiri](#),
[Japanese](#)
[curry](#), [sushi](#).
The three
main
Japanese
operators,

NTT DoCoMo,
au and
SoftBank
Mobile
(formerly
Vodafone),
have each
defined their
own variants
of emoji.

Although
typically only
available in
Japan, the
characters
and code
required to
use emoji are,
thanks to the
nature of
software
development,
often present
in many
phones'
software. As a
result, some
phones, such
as Windows
Phone 7 line,
and the
iPhone, allow
access to the
symbols
without
requiring a
Japanese
operator

operator.

Emoji have also started appearing in emailing services such as [Gmail](#) (accessed via [Google Labs](#)) in April 2009 ^[1] and websites such as [Flipnote Hatena](#).

Several SMS applications for Android powered phones^[2] also provide plugins that allow the use of Emoji.

Apple's [Mac OS X](#) operating system supports emoji as of version 10.7 [Lion](#).^[3]

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Legacy encoded Emoji

For [NTT](#)

[DoCoMo's i-](#)

[mode](#), each

emoji symbol

is drawn on a

[12×12 pixel](#)

grid. When

transmitted,

emoji

symbols are

specified as a

[two byte](#)

two-byte sequence, in the private-use range E63E through E757 in the [Unicode](#) character space, or F89F through F9FC for [Shift-JIS](#). The basic specification has 176 symbols, with 76 more added in phones that support [C-HTML 4.0](#).

Emoji pictograms by [au](#) are specified using the [IMG tag](#). SoftBank Mobile emoji are wrapped between [SI/SO escape sequences](#), and support colors and animation. DoCoMo's emoji are the most compact

to transmit
while au's
version is
more flexible
based on
open
standards.

Emoji [\[edit\]](#) in the Unicode standard

Hundreds of
Emoji
characters
were encoded
in the [Unicode
Standard](#) in
version 6.0
released in
October 2010
(and in the
related
international
standard
[ISO/IEC
10646](#)). The
additions,
originally
requested by
[Google](#) (Kat
Momi, [Mark
Davis](#), and
Markus
Scherer wrote
the first draft
for

consideration
by the
Unicode
Technical
Committee in
August 2007)
and [Apple Inc.](#)
(whose Yasuo
Kida and
Peter Edberg
joined the first
official UTC
proposal for
607
characters as
coauthors in
January
2009), went
through a long
series of
commenting
by members
of the [Unicode
Consortium](#)
and national
standardization
bodies of
various
countries
participating
in ISO/IEC
JTC1/SC2/WG2,
especially the
United States,
Germany,
Ireland (led by
[Michael
Everson](#)), and

Japan; various new characters (especially symbols for maps and European signs) were added during the consensus-building process.

The core emoji set as of Unicode 6.0 consists of 722 characters, of which 114 characters map to sequences of one or more characters in the pre-6.0 Unicode standard, and the remaining 608 characters map to sequences of one or more characters introduced in Unicode 6.0.

[4] There is no

block
specifically
set aside for
emoji – the
new symbols
were encoded
in seven
different
blocks (some
newly
created), and
there exists a
Unicode data
file called
[EmojiSources.txt](#)
that includes
mappings to
and from the
Japanese
vendors'
legacy
character
sets.

A set of
[Regional
Indicator
Symbols](#) were
defined as
part of this set
of characters
as an
alternative to
encoding
separate
characters for
national flags.

Mit

0 1

U+1F30x | | |

U+1F31x | | |

U+1F32x | | |

U+1F33x | | |

U+1F34x | | |

U+1F35x | | |

U+1F36x | | |

U+1F37x | | |

U+1F38x | | |

U+1F39x | | |

U+1F3Ax | | |

U+1F3Bx | | |

U+1F3Cx | | |

U+1F3Dx | | |

U+1F3Ex | | |

U+1F3Fx | | |

U+1F40x | | |

U+1F41x | | |

U+1F42x | | |

U+1F43x | | |

U+1F44x | | |

U+1F45x | | |

U+1F46x | | |

U+1F47x | | |

U+1F47x			
U+1F48x			
U+1F49x			
U+1F4Ax			
U+1F4Bx			
U+1F4Cx			
U+1F4Dx			
U+1F4Ex			
U+1F4Fx			
U+1F50x			
U+1F51x			
U+1F52x			
U+1F53x			
U+1F54x			
U+1F55x			
U+1F56x			
U+1F57x			
U+1F58x			
U+1F59x			
U+1F5Ax			
U+1F5Bx			
U+1F5Cx			
U+1F5Dx			
U+1F5Ex			
U+1F5Fx			

Notes

1. ^ As of Ur

	0	1	
U+1F60x			
U+1F61x			
U+1F62x			
U+1F63x			
U+1F64x			
Notes			
1. ^ As of Uni			

	0	1	
U+1F68x			
U+1F69x			
U+1F6Ax			
U+1F6Bx			
U+1F6Cx			
U+1F6Dx			
U+1F6Ex			
U+1F6Fx			
Notes			
1. ^ As of Uni			

--	--	--	--

	0	1
U+260x	☀️	🌋
U+261x	☐	🔲
U+262x	☠️	🔴
U+263x	☐	☐
U+264x	♀️	♂️
U+265x	🔗	🔗
U+266x	♠️	♥️
U+267x	✝️	✝️
U+268x	☐	☐
U+269x	☐	☐
U+26Ax	☐	☐
U+26Bx	☐	☐
U+26Cx	☐	☐
U+26Dx	☐	☐
U+26Ex	☐	☐
U+26Fx	☐	☐

Notes

1.^ As of Uni

Emoji [\[edit\]](#)
characters

[\[edit\]](#)
**SoftBank
Encoding**

This encoding
was used in

Apple's iOS
prior to
version 5.^[5]

Apple [\[edit\]](#)

OS X [\[edit\]](#)
Lion

This set includes all

[illegible]

□□□□□□□□□□

OS X [\[edit\]](#)

**Mountain
Lion**

This set
includes all
the symbols
accessible in
Apple's Emoji
font on iOS 6
beta.

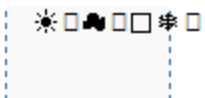
[\[edit\]](#)

Persons

□□□□☹□□□□□□
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Nature [\[edit\]](#)

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□□kesiyang□



□□□□□\

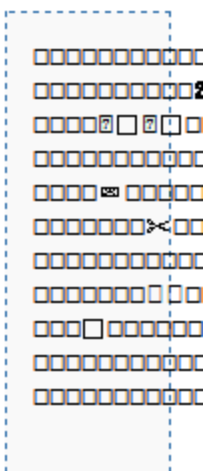
□□□□□□□□

□□□□□□□□

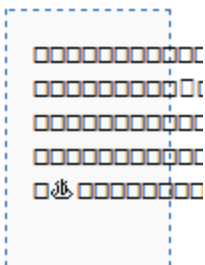
☀️♠️□□□□□□

□□□□□□□□

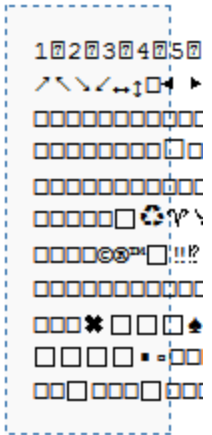
Objects [\[edit\]](#)



Places [\[edit\]](#)



[\[edit\]](#) Symbols



See [\[edit\]](#)
also

- iConji
- Emoticons

[\[edit\]](#)

Reference

1. ^ New in Labs: Extra emoticons
2. ^ <https://markq=emoji&c>
3. ^ <http://suppcpage=search>
4. ^ Unicode FAQ: Emoji and Dingbats – Q:

How are
emoji
encoded
in
Unicode?

5. [^](#)
"Support
ing iOS
5 New
Emoji
Encodin
g" .
Manbol
o Blog.
Retrieve
d 2012-
05-22.

[\[edit\]](#)

External links

- [NTT
DoCoMo:
Emoji](#)
- [au by
KDDI:
Emoji ,
Type 1
2 \(in
Japanese\)](#)
- [Emoji
Symbols
- The
original
proposals
for
encoding
of Emoji
symbols](#)

symbols
as
Unicode
characters.

- [The Unicode FAQ - Emoji & Dingbats](#)

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