

Host Operating Environment

Bluetooth® Document

Revision Date: 2022-06-10



This document, regardless of its title or content, is not a Bluetooth Specification as defined in the Bluetooth Patent/Copyright License Agreement (“PCLA”) and Bluetooth Trademark License Agreement. Use of this document by members of Bluetooth SIG is governed by the membership and other related agreements between Bluetooth SIG Inc. (“Bluetooth SIG”) and its members, including the PCLA and other agreements posted on Bluetooth SIG’s website located at www.bluetooth.com.

THIS DOCUMENT IS PROVIDED “AS IS” AND BLUETOOTH SIG, ITS MEMBERS, AND THEIR AFFILIATES MAKE NO REPRESENTATIONS OR WARRANTIES AND DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT, FITNESS FOR ANY PARTICULAR PURPOSE, THAT THE CONTENT OF THIS DOCUMENT IS FREE OF ERRORS.

TO THE EXTENT NOT PROHIBITED BY LAW, BLUETOOTH SIG, ITS MEMBERS, AND THEIR AFFILIATES DISCLAIM ALL LIABILITY ARISING OUT OF OR RELATING TO USE OF THIS DOCUMENT AND ANY INFORMATION CONTAINED IN THIS DOCUMENT, INCLUDING LOST REVENUE, PROFITS, DATA OR PROGRAMS, OR BUSINESS INTERRUPTION, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, AND EVEN IF BLUETOOTH SIG, ITS MEMBERS, OR THEIR AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This document is proprietary to Bluetooth SIG. This document may contain or cover subject matter that is intellectual property of Bluetooth SIG and its members. The furnishing of this document does not grant any license to any intellectual property of Bluetooth SIG or its members.

This document is subject to change without notice.

Copyright © 2021–2022 by Bluetooth SIG, Inc. The Bluetooth word mark and logos are owned by Bluetooth SIG, Inc. Other third-party brands and names are the property of their respective owners.



Host Operating Environment Identifiers

ClientExecutableURL Substitution Strings

CPU-Type ID	Description
alpha	Digital Alpha* compatible
arm	ARM* core or compatible
i86	Any Intel* 80x86-family compatible CPU
i960	Intel* i960 compatible
jvm	Java Virtual Machine*
mips	MIPS compatible
ppc	IBM/Motorola PowerPC* compatible
sh3	Hitachi SH-3* compatible
sh4	Hitachi SH-4* compatible
sparc	Sun Sparc* compatible

Kernel ID
chorus
javaos
linux
os9
qnx
vxworks

OS+Version-Identifiers	Notes
beos	Replaces beos4.4
ejava	
epocc	
epoce	
epocq	
epocs	
gnu	
jre1.1	
jre1.2	
macos	
macosx	
os9	
palmos	
photon	
pjava	
pjava1.1	
plan9	
qnx	
rtjava	
win32	Replaces win98, winNT4, etc.
win64	Replaces win98, winNT4, etc.



Host Operating Environment Identifiers

Object Format Identifiers [Ref #9]

aout

bout

coff

elf

jar

[Ref #9: Only applicable when the object format is not otherwise uniquely implied by the identifier string.]

Manufacturer Identifiers

amiga*

apple*

be*

ericsson*

ibm*

intel*

lucent*

microsoft*

microware*

motorola*

nokia*

palm*

psion*

qnx*

sun*

symbian*

toshiba*

unknown [Ref #10]

[Ref #10: Use when no other applies]

Linux Distribution Identifiers

caldera

debian

dlx

doslinux

linuxpro

linuxware

mandrake

mklinux

redhat

slackware

stampede

suse

turbolinux

yggdrasil

Example Operating Environment Identifier Strings

i86-microsoft-win32

i86-unknown-linux-gnu

i86-redhat-linux-gnu6

IconURL substitution strings



Host Operating Environment Identifiers

File Format Tag	Description
png	Portable Network Graphics
gif	Graphics Interchange File format
bmp	Windows bitmap



Host Operating Environment Identifiers

Example Icon Format Identifier Strings	Description
32x32x8.png	256 color 32 by 32 icon (or 255 colors + transparent)
16x16x8.png	
16x16x1m.png	Black-and-white (or monochrome + transparent)
10x10x2m.png	4 grayscales

Character Set Repertoires

Bit No.	Character Repertoire	Description
0	ISO-8859-1	Latin alphabet No. 1
1	ISO-8859-2	Latin alphabet No. 2
2	ISO-8859-3	Latin alphabet No. 3
3	ISO-8859-4	Latin alphabet No. 4
4	ISO-8859-5	Latin/Cyrillic alphabet
5	ISO-8859-6	Latin/Arabic alphabet
6	ISO-8859-7	Latin/Greek alphabet
7	ISO-8859-8	Latin/Hebrew alphabet
8	ISO-8859-9	Latin alphabet No. 5
9	ISO-8859-10	Latin alphabet No. 6
10	ISO-8859-13	Latin alphabet No. 7
11	ISO-8859-14	Latin alphabet No. 8
12	ISO-8859-15	Latin alphabet No. 9
13	GB18030	Chinese (People's Republic of China)
14	JIS X0208-1990, JIS X0201-1976	Japanese
15	KSC 5601-1992	Korean
16	Big5	Chinese (Taiwan)
17	TIS-620	Thai

*Third-party brands and names are the property of their respective owners.

