

PDF 1.4 CMap and Unicode Mapping Files

The files in this folder contain the predefined CMap files for PDF 1.4. These files are of two types:

- *Standard CMap files* — for core CJK fonts supported by PDF 1.4, they map character codes to CID numbers. These CMaps are listed in Chapter 5 of the PDF Reference.
- *Unicode Mapping files* — map character codes to Unicode values. They use the CMap file format, but technically they are not true CMap files unless they map character codes to CID numbers. These files are provided in the download files for Acrobat Reader.

A complete list of PDF 1.4 CMap files and the associated Unicode mapping files are shown in the table on the following page. Table contents include:

- For each language, the CMap file is named after the language. For example, The identity CMap file for Latin-1 is named *Adobe-GB1-4*.
- The first Unicode range in each section is the range of CID numbers that map to Unicode values. (for example) to the character collection — CMap encoding to a PDF CMap files, *GBK-EUC-UCS2*, and this file maps from the character codes for that encoding, to Unicode values.



More information on CMap files and the Adobe Character Collections can be found at:

<http://partners.adobe.com/asn/developer/technotes/main.html>

Chinese Simplified

PDF 1.4 Font CMapc

Adobe-GB1-4
GBK-EUC-H
GBK-EUC-V
GBpc-EUC-H
GBpc-EUC-V

GBT-EUC-H
GBT-EUC-V
GB-EUC-H
GB-EUC-V

UniGB-UCS2-H
UniGB-UCS2-V
GBKp-EUC-H
GBKp-EUC-V
GB2K-H
GB2K-V

Char Code to Unicode
Mapping files

Adobe-GB1-UCS2
GBK-EUC-UCS2
GBpc-EUC-UCS2
GBpc-EUC-UCS2C

Chinese Traditional

PDF 1.4 Font CMap Files

Adobe-CNS1-4
B5pc-H
B5pc-V
CNS-EUC-H
CNS-EUC-V
UniCNS-UCS2-H
UniCNS-UCS2-V

ETen-B5
ETen-B5
ETenms-
ETenms-
(* Same
character

Char Code to Unicode
Mapping files

Adobe-CNS1-UCS2
Ten-B5-UCS2
5pc-UCS2
5pc-UCS2C



Japan

PDF 1.4 Font CMap Files

Adobe-Japan1-4
83pv-RKSJ-H
90ms-RKSJ-H
90ms-RKSJ-V
90msp-RKSJ-H
90msp-RKSJ-V
90pv-RKSJ-H

Add-RK
Add-RK
EUC-H
EUC-V
Ext-RKSJ-H
Ext-RKSJ-V

UniJIS-UCS2-HW-H
UniJIS-UCS2-HW-V
H
V

Char Code to Unicode
Mapping files

Adobe-Japan1-UCS2
oms-RKSJ-UCS2
90pv-RKSJ-UCS2
90pv-RKSJ-UCS2C

Korean

PDF 1.4 Font CMap Files

Adobe-Korea1-2
KSCms-UHC-H
KSCms-UHC-HW-H
KSCms-UHC-HW-V

KSCms-UHC-V
KSCpc-EUC-H
KSC-EUC-H
KSC-EUC-V

UniKS-UCS2-H
UniKS-UCS2-V

Char Code to Unicode
Mapping files

Adobe-Korea1-UCS2
KSCms-UHC-UCS2
KSCpc-EUC-UCS2
KSCpc-EUC-UCS2C