

CMap and Unicode Mapping Files

der contain the predefined CMap files for PDF 1.4. These files

Map files — for core CJK fonts supported by PDF 1.4, they map character codes to CID numbers. These CMaps are listed in Chapter 5 Reference.

Mapping files — map character codes to Unicode values. They are not in 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, an identity CMap file is provided. That identity CMap file is named with the name of the Character Collection it supports, for example, The identity CMap for Simplified Chinese is *Adobe-GB1-4*.
- The first Unicode mapping file for each language (shown in the last column in each section) is of the form *Adobe-GB1-UCS2*, which maps from the CID numbers for the Adobe-GB1 Character Collection (for example) to Unicode values.
- Entries following the Unicode mapping file for the character collection – are ones that map from CID number, for a particular CMap encoding to a Unicode value. Technically, these files are not true PDF CMap files, though they use the same format. An example would be: *GBK-EUC-UCS2*, where *GBK-EUC* refers to a specific CMap encoding, 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>

			Char Code to Unicode Mapping files
	UC-H	UniGB-UCS2-H	Adobe-GB1-UCS2
	UC-V	UniGB-UCS2-V	GBK-EUC-UCS2
	C-H	GBKp-EUC-H	GBpc-EUC-UCS2
GBpc-EUC-H	GB-EUC-V	GBKp-EUC-V	GBpc-EUC-UCS2C
GBpc-EUC-V		GB2K-H	
		GB2K-V	

Chinese Traditional

PDF 1.4 Font CMap Files

			Char Code to Unicode Mapping files
Adobe-CNS1-4	ETen-B5-H		Adobe-CNS1-UCS2
B5pc-H	ETen-B5-V		ETen-B5-UCS2
B5pc-V	ETenms-B5-H*		B5pc-UCS2
CNS-EUC-H	ETenms-B5-V*		B5pc-UCS2C
CNS-EUC-V	(* Same as ETen-B5, but Latin characters are proportional)		
UniCNS-UCS2-H			
UniCNS-UCS2-V			

Japan

PDF 1.4 Font CMap Files

			Char Code to Unicode Mapping files
Adobe-Japan1-4	Add-RKSJ-H	UniJIS-UCS2-H	Adobe-Japan1-UCS2
83pv-RKSJ-H	Add-RKSJ-V	UniJIS-UCS2-V	90ms-RKSJ-UCS2
90ms-RKSJ-H	EUC-H	UniJIS-UCS2-HW-H	90pv-RKSJ-UCS2
90ms-RKSJ-V	EUC-V	UniJIS-UCS2-HW-V	90pv-RKSJ-UCS2C
90msp-RKSJ-H	Ext-RKSJ-H	H	
90msp-RKSJ-V	Ext-RKSJ-V	V	
90pv-RKSJ-H			

Korean

PDF 1.4 Font CMap Files

			Char Code to Unicode Mapping files
Adobe-Korea1-2	KSCms-UHC-V	UniKS-UCS2-H	Adobe-Korea1-UCS2
KSCms-UHC-H	KSCpc-EUC-H	UniKS-UCS2-V	KSCms-UHC-UCS2
KSCms-UHC-HW-H	KSC-EUC-H		KSCpc-EUC-UCS2
KSCms-UHC-HW-V	KSC-EUC-V		KSCpc-EUC-UCS2C

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