



Adobe-Japan2-0 Character Collection for CID-Keyed Fonts

Adobe Developer Support

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Adobe-Japan2-0 Character Collection for CID-Keyed Fonts

1 Introduction

This document describes the *Adobe-Japan2-0* character collection which supports the JIS X 0212-1990 character set standard and the Macintosh extensions. This document assumes that readers are familiar with the CID-keyed font format, which is described in the Adobe Technical Specification #5014, “Adobe CMap and CIDFont Files Specification.”

This document is useful for font developers wishing to develop Japanese-language fonts for use with PostScript® products, and for software developers and end users wishing to access glyphs based on this character collection.

A *character collection* contains all glyphs required to make fonts for a particular language or market. Encodings are specified by CMap (Character Map) files, which generally reference a subset of the character collection. Each CID (Character ID) is associated with a *class* of glyph shapes. The specific shape of a glyph from a given class is dependent on the typeface style, the language, orientation, and writing direction of the font, and possibly other factors.

Character instances (glyphs) for all CIDs are shown in this document, giving a specific example of the correspondence between a CID number and its glyph shape class. Font developers should design glyphs for each member of the encodings they wish to support. They may use this document as a reference when proofing CIDFont files.

A further reference aid is the *Adobe-Japan2-0 Character Code Table*, which shows the correspondence between CIDs and the various Unicode and JIS X 0212-1990 character codes used to access the glyphs. The table itself contains information in its header that describes its contents in greater detail. The code table file (*cid2code.txt*) is available – together with other documentation and CMap files – through FTP using the following URL:

<ftp://ftp.oreilly.com/pub/examples/nutshell/cjkv/adobe/>

Adobe Systems also publishes a series of CMap files to support common encodings based on the JIS character set standards. These are described in Adobe Technical Note #5094, “Adobe CJKV Character Collections and CMap Files for CID-Keyed Fonts.” This document is available at the following URL:

<http://partners.adobe.com/asn/tech/type/technotes.jsp>

Note PostScript printers with a PostScript language version prior to 2015 will not be compatible with CID-keyed fonts without the prior installation of the CID Support Library (CSL). Font vendors who would like to license the PostScript language procedure in the CSL library for inclusion in font installers for CID-keyed fonts – may license it from the Adobe Developer Technologies (csldevsup@adobe.com).

2 The Adobe-Japan2-0 Character Collection

This section contains a catalog of all glyphs in the Adobe-Japan2-0 character collection. The name of this collection, Adobe-Japan2-0, originates from the following three dictionary entries: /Registry (Adobe), /Ordering (Japan2), and /Supplement 0. These entries are defined in the CIDSystemInfo entry in the CIDFont resource dictionary of fonts that reference this character collection.

The glyphs in the listing are organized by CID number. CID numbers 0 through 6067 are listed along with an illustration of the glyph associated with each. The width marks are for reference only.

Supplement 0, which is described in this document, contains the glyphs necessary for supporting the JIS X 0212-1990 character set standard. Supported encodings include 7-bit and EUC (Extended Unix Code; specifically, code set 3).

The typeface used to illustrate each glyph in this section is Heisei Mincho W3, produced by the Japanese Standards Association’s now defunct Font Development and Promotion Center (FDPC).

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60	61	62	63	64	65	66	67	68	69
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70	71	72	73	74	75	76	77	78	79
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80	81	82	83	84	85	86	87	88	89
	ø	œ	ß		þ	Á	À	Ä	Â
90	91	92	93	94	95	96	97	98	99
				Å	Ã				Ç
100	101	102	103	104	105	106	107	108	109
		É	È	Ë	Ê				
110	111	112	113	114	115	116	117	118	119

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120	121	122	123	124	125	126	127	128	129
130	131	132	133	134	135	136	137	138	139
		Ñ	Ó	Ò	Ö	Ô			
140	141	142	143	144	145	146	147	148	149
Õ						Š			
150	151	152	153	154	155	156	157	158	159
Ú	Û	Ü	Û						
160	161	162	163	164	165	166	167	168	169
						Ý	ÿ		
170	171	172	173	174	175	176	177	178	179
Ž		á	à	ä	â				
180	181	182	183	184	185	186	187	188	189
à	ã				ç			é	è
190	191	192	193	194	195	196	197	198	199
ë	ê								
200	201	202	203	204	205	206	207	208	209
	Í	Ì	Ï	Î					
210	211	212	213	214	215	216	217	218	219
							ñ	ó	ò
220	221	222	223	224	225	226	227	228	229
ö	ô				õ				
230	231	232	233	234	235	236	237	238	239

	š				ú	ù	ü	û	
240	241	242	243	244	245	246	247	248	249
250	251	252	253	254	255	256	257	258	259
	ý	ÿ			ž				
260	261	262	263	264	265	266	267	268	269
270	271	272	273	274	275	276	277	278	279
280	281	282	283	284	285	286	287	288	289
290	291	292	293	294	295	296	297	298	299
300	301	302	303	304	305	306	307	308	309
310	311	312	313	314	315	316	317	318	319
320	321	322	323	324	325	326	327	328	329
330	331	332	333	334	335	336	337	338	339
340	341	342	343	344	345	346	347	348	349
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380	381	382	383	384	385	386	387	388	389
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410	411	412	413	414	415	416	417	418	419
420	421	422	423	424	425	426	427	428	429
430	431	432	433	434	435	436	437	438	439
440	441	442	443	444	445	446	447	448	449
450	451	452	453	454	455	456	457	458	459
460	461	462	463	464	465	466	467	468	469
470	471	472	473	474	475	476	477	478	479

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490	491	492	493	494	495	496	497	498	499
500	501	502	503	504	505	506	507	508	509
510	511	512	513	514	515	516	517	518	519
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530	531	532	533	534	535	536	537	538	539
540	541	542	543	544	545	546	547	548	549
550	551	552	553	554	555	556	557	558	559
560	561	562	563	564	565	566	567	568	569
570	571	572	573	574	575	576	577	578	579
580	581	582	583	584	585	586	587	588	589
590	591	592	593	594	595	596	597	598	599

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610	611	612	613	614	615	616	617	618	619
620	621	622	623	624	625	626	627	628	629
630	631	632	633	634	635	636	637	638	639
640	641	642	643	644	645	646	647	648	649
650	651	652	653	654	655	656	657	658	659
660	661	662	663	664	665	666	667	668	669
670	671	672	673	674	675	676	677	678	679
680	681	682	683	684	685	686	687	688	689
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700	701	702	703	704	705	706	707	708	709
710	711	712	713	714	715	716	717	718	719

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760	761	762	763	764	765	766	767	768	769
770	771	772	773	774	775	776	777	778	779
780	781	782	783	784	785	786	787	788	789
790	791	792	793	794	795	796	797	798	799
800	801	802	803	804	805	806	807	808	809
810	811	812	813	814	815	816	817	818	819
820	821	822	823	824	825	826	827	828	829
830	831	832	833	834	835	836	837	838	839

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850	851	852	853	854	855	856	857	858	859
860	861	862	863	864	865	866	867	868	869
870	871	872	873	874	875	876	877	878	879
880	881	882	883	884	885	886	887	888	889
890	891	892	893	894	895	896	897	898	899
900	901	902	903	904	905	906	907	908	909
910	911	912	913	914	915	916	917	918	919
920	921	922	923	924	925	926	927	928	929
930	931	932	933	934	935	936	937	938	939
940	941	942	943	944	945	946	947	948	949
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970	971	972	973	974	975	976	977	978	979
980	981	982	983	984	985	986	987	988	989
990	991	992	993	994	995	996	997	998	999
1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
1010	1011	1012	1013	1014	1015	1016	1017	1018	1019
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1070	1071	1072	1073	1074	1075	1076	1077	1078	1079

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1100	1101	1102	1103	1104	1105	1106	1107	1108	1109
1110	1111	1112	1113	1114	1115	1116	1117	1118	1119
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2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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2240	2241	2242	2243	2244	2245	2246	2247	2248	2249
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2270	2271	2272	2273	2274	2275	2276	2277	2278	2279

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2390	2391	2392	2393	2394	2395	2396	2397	2398	2399

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