“Character data integrity” on page 6
The Character Data Representation Architecture (CDRA) system of tags uses coded character set identifiers (CCSIDs) to maintain data integrity when character data is passed from system to system or from user to user. CCSIDs assign a value that uniquely identifies the coded graphic character representation used for character data.

“Automatic character set and code page conversion” on page 40
The IBM i operating system provides automatic conversion between character set and code pages for all applications that are enabled for national language support.

“Coding globalized applications that use bidirectional data” on page 117
When you are developing NLV-enabled applications, you should consider some specific restrictions on bidirectional languages.

CCSID values defined on IBM i

This table lists the coded character set identifiers (CCSIDs) that are defined on the IBM i operating system.

CCSID	Encoding	Description
00037	1100	US, Canada, Netherlands, Portugal, Brazil, New Zealand, Australia
00256	1100	Netherlands
00273	1100	Austria, Germany
00277	1100	Denmark, Norway
00278	1100	Finland, Sweden
00280	1100	Italy
00284	1100	Spanish, Latin America
00285	1100	United Kingdom
00290	1100	Japan Katakana
00297	1100	France
00300	1200	Japan English
00301	2200	Japanese PC Data
00367	5100	ANSI X3.4 ASCII standard; USA
00420	1100	Arabic-speaking countries
00423	1100	Greece
00424	1100	Hebrew
00425	1100	Arabic-speaking countries
00437	2100	PC Data; PC Base; USA
00500	1100	Belgium, Canada, Switzerland, International Latin-1
00720	2100	MS-DOS Arabic
00737	2100	MS-DOS Greek PC-Data
00775	2100	MS-DOS Baltic PC-Data
00813	4100	ISO 8859-7; Greek/Latin
00819	4100	ISO 8859-1; Latin Alphabet No. 1
00833	1100	Korea (extended range)
00834	1200	Korea host double byte (including 1880 UDC)

CCSID	Encoding	Description
00835	1200	Traditional Chinese host double byte (including 6204 UDC)
00836	1100	Simplified Chinese (extended range)
00837	1200	Simplified Chinese
00838	1100	Thailand (extended range)
00850	2100	PC Data; MLP 222 Latin Alphabet 1
00851	2100	PC Data; Greek
00852	2100	PC Data; Latin-2 Multilingual
00855	2100	PC Data; ROECE Cyrillic
00857	2100	PC Data; Turkey Latin #5
00858	2100	PC Data: MLP 222; Latin Alphabet Number 1 w/euro; Latin-1 Countries
00860	2100	PC Data; Portugal
00861	2100	PC Data; Iceland
00862	2100	PC Data; Hebrew
00863	2100	PC Data; Canada
00864	2100	PC Data; Arabic
00865	2100	PC Data; Denmark, Norway
00866	2100	PC Data; Cyrillic #2 - Personal Computer
00868	2100	PC Data: Urdu
00869	2100	PC Data; Greek
00870	1100	Latin-2 Multilingual
00871	1100	Iceland
00874	2100	Thai PC Data
00875	1100	Greece
00878	4105	Russian Internet KOI8-R Cyrillic
00880	1100	Cyrillic Multilingual
00891	2100	Korean PC Data (non-extended)
00897	2100	Japanese PC Data (non-extended)
00903	2100	Simplified Chinese PC Data (non-extended)
00904	2100	Traditional Chinese PC Data
00905	1100	Turkey Latin-3
00912	4100	ISO 8859-2; ROECE Latin-2 Multilingual
00914	4100	Latin 4 - ISO 8859-4
00915	4100	ISO 8859-5; Cyrillic; 8-bit ISO
00916	4100	ISO 8859-8; Hebrew
00918	1100	Urdu EBCDIC
00920	4100	ISO 8859-9; Latin 5
00921	4100	Baltic, 8-bit (ISO 8859-13)
00922	4100	Estonia, 8-bit (ISO)
00923	4100	ISO 8859-15: Latin Alphabet with euro

CCSID	Encoding	Description
00924	1100	Latin 9 EBCDIC
00926	2200	Korean PC Data DBCS, UDC 1880
00927	2200	Traditional Chinese PC Data DBCS, UDC 6204
00928	2200	Simplified Chinese PC Data DBCS, UDC 1880
00930	1301	Japan Katakana (extended range) 4370 UDC (User Defined Characters)
00932	2300	Japan PC Data Mixed
00933	1301	Korea (extended range), 1880 UDC
00934	2300	Korean PC Data
00935	1301	Simplified Chinese (extended range)
00936	2300	Simplified Chinese (non-extended)
00937	1301	Traditional Chinese (extended range)
00938	2300	Traditional Chinese (non-extended)
00939	1301	Japan English (extended range) 4370 UDC
00941	2200	Japanese DBCS PC for Open environment (Multi-vendor code): 6878 JIS X 0208-1990 characters, 386 IBM selected characters, 1880 IBM UDC (X'F040' to X'F9FC')
00942	2300	Japanese PC Data Mixed
00943	2300	Japanese PC Data Mixed for Open environment (Multi-vendor code): 6878 JIS X 0208-1990 characters, 386 IBM selected DBCS characters, 1880 UDC (X'F040' to X'F9FC')
00944	2300	Korean PC Data Mixed
00946	2300	Simplified Chinese PC Data Mixed
00947	2200	ASCII Double-byte
00948	2300	Traditional Chinese PC Data Mixed 6204 UDC (User Defined Characters)
00949	2300	Republic of Korea National Standard Graphic Character Set (KS) PC Data mixed-byte including 1800 UDC
00950	2300	Traditional Chinese PC Data Mixed for Big5
00951	2200	Republic of Korea National Standard Graphic Character Set (KS) PC Data double-byte including 1800 UDC
00954	4403	Japanese EUC; G0 - JIS X201 Roman set (00895); G1 - JIS X208-1990 set (00952); G2 - JIS X201 Katakana set (04992); G3 - JIS X212 set (00953)
00956	5404	JIS X201 Roman for CP 00895; JIS X208-1983 for CP 00952
00957	5404	JIS X201 Roman for CP 00895; JIS X208-1978 for CP 00955
00958	5404	ASCII for CP 00367; JIS X208-1983 for CP 00952
00959	5404	ASCII for CP 00367; JIS X208-1978 for CP 00955
00964	4403	G0 - ASCII for CP 00367; G1- CNS 11643 plane 1 for CP 960
00965	5404	ASCII for CP 00367; CNS 11643 plane 1 for CP 960
00970	4403	G0 ASCII for CP 00367; G1 KSC X5601-1989 (including 188 UDCs) for CP 971
00971	8200	Korean EUC, G1 - KS C5601-1989 (including 188 UDC)

CCSID	Encoding	Description
01008	4100	Arabic 8-bit ISO/ASCII
01009	5100	IS0-7: IRV
01010	5100	ISO-7; France
01011	5100	ISO-7; Germany
01012	5100	ISO-7; Italy
01013	5100	ISO-7; United Kingdom
01014	5100	ISO-7; Spain
01015	5100	ISO-7; Portugal
01016	5100	ISO-7; Norway
01017	5100	ISO-7; Denmark
01018	5100	ISO-7; Finland and Sweden
01019	5100	ISO-7; Belgium and Netherlands
01025	1100	Cyrillic Multilingual
01026	1100	Turkey Latin 5 CECP
01027	1100	Japan English (extended range)
01040	2100	Korean Latin PC Data extended
01041	2100	Japanese PC Data extended
01042	2100	Simplified Chinese PC Data extended
01043	2100	Traditional Chinese PC Data extended
01046	2100	PC Data - Arabic Extended
01051	4100	HP Emulation(for use with Latin 1). GCGID SF150000 is mapped to a control X'7F'
01088	2100	Korean PC Data single-byte
01089	4100	ISO 8859-6: Arabic (string type 5)
01097	1100	Farsi
01098	2100	Farsi (IBM-PC)
01112	1100	Baltic, Multilingual
01114	2100	Traditional Chinese, Taiwan Industry Graphic Character Set (Big5)
01115	2100	Simplified Chinese National Standard (GB), personal computer SBCS
01122	1100	Estonia
01123	1100	Cyrillic Ukraine EBCDIC
01124	4100	Cyrillic Ukraine 8-Bit
01125	2100	Cyrillic Ukraine PC-Data
01126	2100	Windows Korean PC Data Single-Byte
01129	4100	ISO-8 Vietnamese
01130	1100	EBCDIC Vietnamese
01131	2100	Cyrillic Belarus PC-Data
01132	1100	EBCDIC Lao
01133	4100	ISO-8 Lao
01137	1100	Devanagari EBCDIC

CCSID	Encoding	Description
01140	1100	ECECP: USA, Canada, Netherlands, Portugal, Brazil, Australia, New Zealand
01141	1100	ECECP: Austria, Germany
01142	1100	ECECP: Denmark, Norway
01143	1100	ECECP: Finland, Sweden
01144	1100	ECECP: Italy
01145	1100	ECECP: Spain, Latin America (Spanish)
01146	1100	ECECP: United Kingdom
01147	1100	ECECP: France
01148	1100	ECECP: International 1
01149	1100	ECECP: Iceland
01153	1100	Latin-2 - EBCDIC Multilingual with euro
01154	1100	Cyrillic Multilingual with euro
01155	1100	Turkey Latin 5 with euro
01156	1100	Baltic, Multilingual with euro
01157	1100	Estonia EBCDIC with euro
01158	1100	Cyrillic Ukraine EBCDIC with euro
01160	1100	Thai host with euro
01164	1100	EBCDIC Vietnamese with euro
01175	1100	Turkey with Euro and Turkish Lira Currency Symbol
01200	7200	Unicode: UTF-16, big endian
01208	7807	Unicode: UTF-8
01250	4105	Windows, Latin 2
01251	4105	Windows, Cyrillic
01252	4105	Windows,Latin 1
01253	4105	Windows, Greek
01254	4105	Windows, Turkish
01255	4105	Windows, Hebrew
01256	4105	Windows, Arabic
01257	4105	Windows, Baltic Rim
01258	4105	MS Windows, Vietnamese
01275	4105	Apple Latin-1
01280	4105	Apple Greek
01281	4105	Apple Turkey
01282	4105	Apple Central European (Latin-2)
01283	4105	Apple Cyrillic
01362	2200	Windows Korean PC DBCS-PC, including 11 172 full hangul
01363	2300	Windows Korean PC Mixed, including 11 172 full hangul
01364	1301	Korean host mixed extended including 11 172 full hangul
01380	2200	Simplified Chinese, People's Republic of China National Standard (GB), personal computer DBCS

CCSID	Encoding	Description
01381	2300	Simplified Chinese, People's Republic of China National Standard (GB) personal computer mixed SBCS and DBCS
01382	8200	Simplified Chinese DBCS PC GB 2312-80 set, including 31 IBM selected and 1360 UDC.
01383	4403	Simplified Chinese, EUC • G0 set; ASCII • G1 set; GB 2312-80 set (1382)
01385	2200	Simplified Chinese DBCS-PC GBK, all GBK character set and others
01386	2300	Simplified Chinese PC Data GBK mixed, all GBK character set and others
01388	1301	Simplified Chinese DBCS- GB 18030 Host with UDCs and Uygur extension.
01399	1301	Japanese Latin-Kanji Host Mixed including 4370 UDC, Extended SBCS (includes SBCS and DBCS euro)
04396	1200	Japanese Host DB including 1880
04930	1200	Korean DBCS-Host extended including 11 172 full hangul
04933	1200	Simplified Chinese DBCS Host (GBK), all GBK character set and others
04948	2100	Latin 2 PC Data Multilingual
04951	2100	Cyrillic PC Data Multilingual
04952	2100	Hebrew PC Data
04953	2100	Turkey PC Data Latin 5
04960	2100	Arabic PC Data
04965	2100	Greek PC Data
04970	2100	Thai PC Data Single-Byte
04971	1100	Greek (including euro)
05026	1301	Japan Katakana (extended range) 1880 UDC
05035	1301	Japan English (extended range) 1880 UDC
05050	4403	G0 - JIS X201 Roman for CP 895; G1 JIS X208-1990 for CP 952
05052	5404	JIS X201 Roman for CP 895; JIS X208-1983 for CP 952
05053	5404	JIS X201 Roman for CP 895; JIS X208-1978 for CP 955
05054	5404	ASCII for CP 367; JIS X208-1983 for CP 952
05055	5404	ASCII for CP 367; JIS X208-1978 for CP 955
05123	1100	Japanese Latin Host Extended SBCS (includes euro)
05210	2100	Simplified Chinese PC Data Single-Byte (GBK), growing CS
5233	1100	Devanagari EBCDIC, including Indian Rupee
05348	4105	Windows, Latin 1 with euro
08612	01100	Arabic (base shapes only)
09030	1100	Thai Host Extended SBCS
09056	2100	PC Data: Arabic PC Storage/Interchange
09066	2100	Thai PC Data Extended SBCS

CCSID	Encoding	Description
12708	1100	Arabic (base shapes, Lamaleph ligatures and Hindi digits) (string type 7)
13121	1100	Korean Host Extended SBCS
13124	1100	Simplified Chinese Host Data Single-Byte (GBK) equivalent to Simplified Chinese Host Data Single-Byte (GB) except growing CS
13488	7200	Unicode: UTF-16 as defined in the Unicode Standard. Fixed CS as defined by Unicode 2.0. Big endian
16684	1200	Japanese Latin Host Double-Byte including 4370 UDC (includes euro)
17354	5404	G0 - ASCII for CP 00367; G1 - KSC X5601-1989 (including 188 UDCs) for CP 00971
25546	5409	Korean 2022-KR TCP, ASCII, KS C5601-1989 (includes 188 UDC, RFC1557 using SO/SI)
28709	1100	Traditional Chinese (extended range)
33722	4403	Japanese EUC • G0; JIS X201 Roman set (00895) • G1; JIS X208-1990 set (00952) • G2; JIS X201 Katakana set (04992) • G3; JIS X212 set (09145)
57345	5404	All Japanese 2022 characters
61952	7200	IBM i specific (old CCSID for UCS). Use of 13488 is recommended instead.
62210	4100	IBM i specific ISO 8859-8; Hebrew, string type 4.
62211	1100	IBM i specific EBCDIC; Hebrew, string type 5
62215	4105	IBM i specific MS Windows; Hebrew, string type 4
62218	2100	IBM i specific PC data; Arabic, string type 4
62222	4100	IBM i specific ISO 8859-9; Hebrew, string type 6
62223	4105	IBM i specific MS Windows; Hebrew, string type 6
62224	1100	IBM i specific EBCDIC; Arabic, string type 6
62228	4105	IBM i specific MS Windows; Arabic, string type 6
62235	1100	IBM i specific EBCDIC; Hebrew, string type 6
62238	4100	IBM i specific ISO 8859-9; Hebrew, string type 10
62239	4105	IBM i specific MS Windows; Hebrew, string type 10
62245	1100	IBM i specific EBCDIC; Hebrew, string type 10
65534		Look at lower level CCSID
65535		Special value indicating data is hex and should not be converted. This is the default for the QCCSID system value.

Related information:

Globalization: iSeries CCSID Information

IBM Coded Character Sets and Related Resources Web site