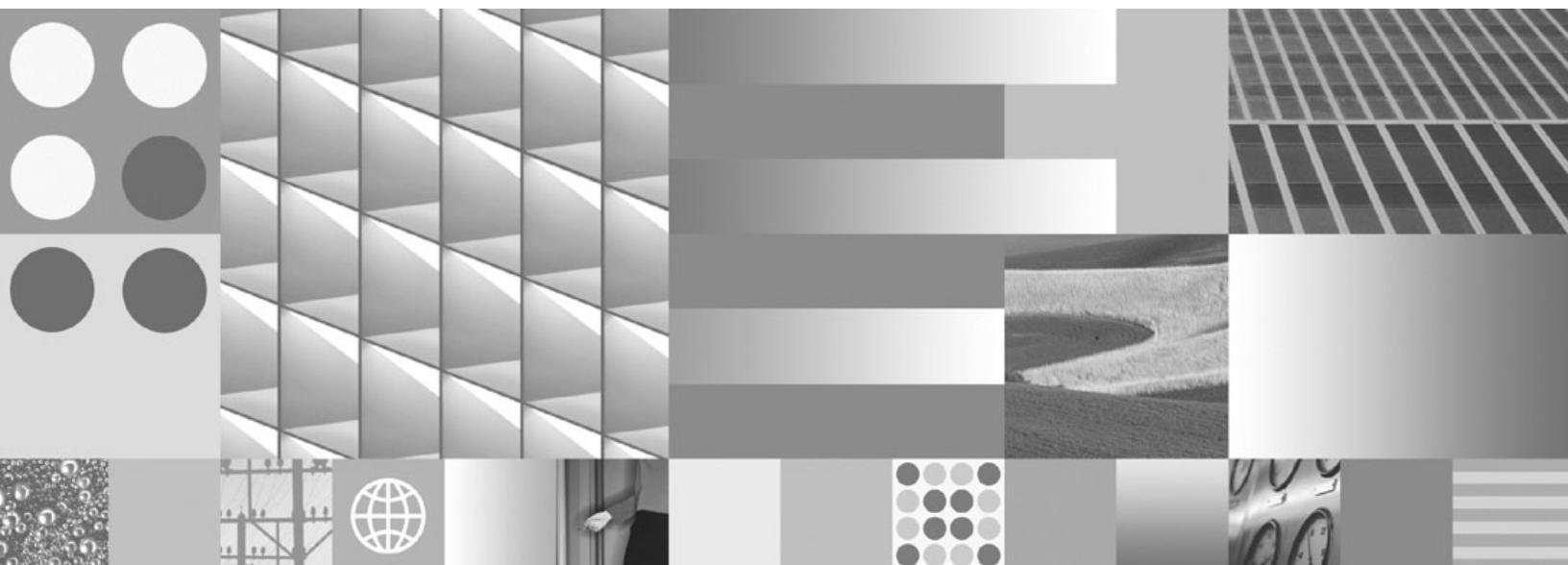


## Globalization Guide





## Globalization Guide

**Note**

Before using this information and the product it supports, read the general information under Appendix C, "Notices," on page 807.

#### **Edition Notice**

This document contains proprietary information of IBM. It is provided under a license agreement and is protected by copyright law. The information contained in this publication does not include any product warranties, and any statements provided in this manual should not be interpreted as such.

You can order IBM publications online or through your local IBM representative.

- To order publications online, go to the IBM Publications Center at [www.ibm.com/shop/publications/order](http://www.ibm.com/shop/publications/order)
- To find your local IBM representative, go to the IBM Directory of Worldwide Contacts at [www.ibm.com/planetwide](http://www.ibm.com/planetwide)

To order DB2 publications from DB2 Marketing and Sales in the United States or Canada, call 1-800-IBM-4YOU (426-4968).

When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

**© Copyright International Business Machines Corporation 1993, 2009.**

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

---

## Contents

<b>About this book . . . . .</b>	<b>vii</b>
<hr/>	
<b>Part 1. Database settings for multicultural support . . . . .</b>	<b>1</b>
<b>Chapter 1. Choosing the code page, territory, and collation for your database . . . . .</b>	<b>3</b>
<b>Chapter 2. Supported territory codes and code pages . . . . .</b>	<b>5</b>
<b>Chapter 3. Locale names for SQL and XQuery . . . . .</b>	<b>43</b>
<b>Chapter 4. Derivation of code page values . . . . .</b>	<b>45</b>
<b>Chapter 5. Linux and UNIX distributions and code pages . . . . .</b>	<b>47</b>
How DB2 derives locales . . . . .	47
<b>Part 2. Collation . . . . .</b>	<b>49</b>
<b>Chapter 6. Collating sequences . . . . .</b>	<b>51</b>
Character comparisons based on collating sequences . . . . .	52
<b>Chapter 7. Choosing a collation for a Unicode database . . . . .</b>	<b>55</b>
IDENTITY collation . . . . .	55
Language-aware collation . . . . .	57
Locale-sensitive UCA-based collation . . . . .	59
<b>Chapter 8. Unicode Collation Algorithm based collations . . . . .</b>	<b>63</b>
Collating Thai characters . . . . .	70
Thai and Unicode collation algorithm differences . . . . .	70
<b>Chapter 9. Language-aware collations for Unicode data . . . . .</b>	<b>73</b>
Code set and collation combinations . . . . .	73
Duplicate collation weights in SYSTEM collation tables . . . . .	74
<b>Part 3. Unicode character encoding . . . . .</b>	<b>75</b>
<b>Chapter 10. Unicode implementation in DB2 Database for Linux, UNIX, and Windows . . . . .</b>	<b>77</b>
<hr/>	
<b>Chapter 11. Data types in Unicode databases . . . . .</b>	<b>79</b>
<b>Chapter 12. Converting non-Unicode databases to Unicode . . . . .</b>	<b>81</b>
<b>Chapter 13. Code page and Coded Character Set Identifier (CCSID) numbers for Unicode graphic data . . . . .</b>	<b>83</b>
<b>Part 4. Multicultural support and application development considerations . . . . .</b>	<b>85</b>
<b>Chapter 14. Multicultural support and SQL statements . . . . .</b>	<b>87</b>
<b>Chapter 15. Derivation of locales in application programs . . . . .</b>	<b>89</b>
<b>Chapter 16. Date and time formats by territory code . . . . .</b>	<b>91</b>
<b>Chapter 17. Remote routines . . . . .</b>	<b>95</b>
<b>Chapter 18. Package name considerations in mixed code page environments . . . . .</b>	<b>97</b>
<b>Chapter 19. CLI, ODBC, JDBC, and SQLJ programs in a DBCS environment . . . . .</b>	<b>99</b>
<b>Chapter 20. Application development in unequal code page situations . . . . .</b>	<b>101</b>
<b>Chapter 21. Applications connected to Unicode databases . . . . .</b>	<b>105</b>
<hr/>	
<b>Part 5. Character conversion between different code pages . . . . .</b>	<b>107</b>
<b>Chapter 22. Character conversion . . . . .</b>	<b>109</b>
<b>Chapter 23. When code page conversion occurs . . . . .</b>	<b>113</b>

<b>Chapter 24. Supported code page conversions</b>	115	<b>Chapter 32. Graphic data in Japanese or Traditional Chinese EUC applications</b>	145
<b>Chapter 25. Code page conversion expansion factor</b>	117	<b>Chapter 33. Client-based parameter validation in a mixed code set environment</b>	147
<b>Chapter 26. Code page conversion string-length overflow in mixed code set environments</b>	119	<b>Chapter 34. DESCRIBE statement in mixed code set environments</b>	149
<b>Chapter 27. Character conversion considerations for EUC Traditional Chinese code page 964</b>	121	<b>Chapter 35. Fixed-length and variable-length data in mixed code set environments</b>	151
<b>Chapter 28. Character conversion guidelines</b>	123	<b>Chapter 36. Japanese and traditional-Chinese extended UNIX code (EUC) considerations</b>	153
<b>Chapter 29. Euro-enabled code page conversion tables</b>	125	<b>Chapter 37. Windows clients connecting to code page 950 databases</b>	159
Enabling and disabling euro symbol support	125	<b>Chapter 38. Converting a code page 950 database containing HKSCS data to a Unicode database</b>	161
Conversion table files for euro-enabled code pages	126	<hr/>	
Conversion tables for code pages 923 and 924	130	<b>Part 7. Enabling support for bidirectional scripts</b>	163
<b>Chapter 30. Alternative Unicode conversion tables</b>	133	<b>Chapter 39. Bidirectional-specific CCSIDs</b>	165
Alternative Unicode conversion table for CCSID 943	133	<b>Chapter 40. Bidirectional support with DB2 Connect</b>	169
Replacing the Unicode conversion table for CCSID 943 with the Microsoft conversion table	134	<hr/>	
Alternative Unicode conversion table for CCSID 954	135	<b>Part 8. Appendixes</b>	171
Replacing the Unicode conversion table for CCSID 954 with the Microsoft conversion table	136	<b>Appendix A. System and language-aware collation tables</b>	173
Alternative Unicode conversion table for CCSID 5026	136	Code page 437, Generic (SYSTEM_437)	173
Replacing the Unicode conversion table for CCSID 5026 with the Microsoft conversion table	137	Code page 437, Denmark (SYSTEM_437_DK)	180
Alternative Unicode conversion table for CCSID 5035	138	Code page 437, Finland and Sweden (SYSTEM_437_FI and SYSTEM_437_SE)	186
Replacing the Unicode conversion table for CCSID 5035 with the Microsoft conversion table	138	Code page 437, Iceland (SYSTEM_437_IS)	193
Alternative Unicode conversion table for CCSID 5039	139	Code page 437, Norway (SYSTEM_437_NO)	200
Replacing the Unicode conversion table for CCSID 5039 with the Microsoft conversion table	140	Code page 737, Generic (SYSTEM_737)	207
Installing the previous tables for converting between code page 1394 and Unicode	140	Code page 806, Generic (SYSTEM_806)	214
<hr/>		Code page 813, Generic (SYSTEM_813)	220
<b>Part 6. Japanese and Traditional Chinese EUC and UCS-2 code set considerations</b>	141	Code page 819, Generic (SYSTEM_819)	227
<b>Chapter 31. Mixed EUC and double-byte client and database considerations</b>	143	Code page 819, Denmark (SYSTEM_819_DK)	234
		Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)	241

Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS) . . . . .	247
Code page 819, Norway (SYSTEM_819_NO) . . . . .	254
Code page 850, Generic (SYSTEM_850) . . . . .	261
Code page 850, Denmark (SYSTEM_850_DK) . . . . .	268
Code page 850, Finland and Sweden (SYSTEM_850_FI and SYSTEM_850_SE) . . . . .	274
Code page 850, Iceland (SYSTEM_850_IS) . . . . .	281
Code page 850, Norway (SYSTEM_850_NO) . . . . .	288
Code page 852, Generic (SYSTEM_852) . . . . .	295
Code page 855, Generic (SYSTEM_855) . . . . .	301
Code page 856, Generic (SYSTEM_856) . . . . .	308
Code page 857, Generic (SYSTEM_857) . . . . .	315
Code page 860, Generic (SYSTEM_860) . . . . .	322
Code page 862, Generic (SYSTEM_862) . . . . .	328
Code page 863, Generic (SYSTEM_863) . . . . .	335
Code page 864, Generic (SYSTEM_864) . . . . .	342
Code page 866, Generic (SYSTEM_866) . . . . .	349
Code page 869, Generic (SYSTEM_869) . . . . .	355
Code page 874, Generic (SYSTEM_874) . . . . .	362
Code page 878, Generic (SYSTEM_878) . . . . .	369
Code page 912, Generic (SYSTEM_912) . . . . .	376
Code page 915, Generic (SYSTEM_915) . . . . .	382
Code page 916, Generic (SYSTEM_916) . . . . .	389
Code page 920, Generic (SYSTEM_920) . . . . .	396
Code page 921, Generic (SYSTEM_921) . . . . .	402
Code page 921, Lithuania (SYSTEM_921_LT) . . . . .	409
Code page 922, Generic (SYSTEM_922) . . . . .	416
Code page 923, Generic (SYSTEM_923) . . . . .	423
Code page 923, Denmark (SYSTEM_923_DK) . . . . .	429
Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE) . . . . .	436
Code page 923, Norway (SYSTEM_923_NO) . . . . .	443
Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943) . . . . .	450
Code page 938, Generic (SYSTEM_938) . . . . .	457
Code page 942 and 5039, Generic (SYSTEM_942 and SYSTEM_5039) . . . . .	463
Code page 948, Generic (SYSTEM_948) . . . . .	470
Code page 949, Generic (SYSTEM_949) . . . . .	477
Code page 950, Generic (SYSTEM_950) . . . . .	484
Code page 954, Generic (SYSTEM_954) . . . . .	491
Code page 964, Generic (SYSTEM_964) . . . . .	497
Code page 970, Generic (SYSTEM_970) . . . . .	504
Code page 1046, Generic (SYSTEM_1046) . . . . .	511
Code page 1051, Generic (SYSTEM_1051) . . . . .	518
Code page 1051, Denmark (SYSTEM_1051_DK) . . . . .	525
Code page 1051, Finland and Sweden (SYSTEM_1051_FI and SYSTEM_1051_SE) . . . . .	531
Code page 1051, Iceland (SYSTEM_1051_IS) . . . . .	538
Code page 1051, Norway (SYSTEM_1051_NO) . . . . .	545
Code page 1089, Generic (SYSTEM_1089) . . . . .	552
Code page 1124, Generic (SYSTEM_1124) . . . . .	558
Code page 1125, Generic (SYSTEM_1125) . . . . .	565
Code page 1129, Generic (SYSTEM_1129) . . . . .	572
Code page 1131, Generic (SYSTEM_1131) . . . . .	578
Code page 1163, Generic (SYSTEM_1163) . . . . .	585
Code page 1167, Generic (SYSTEM_1167) . . . . .	592
Code page 1168, Generic (SYSTEM_1168) . . . . .	599
Code page 1250, Generic (SYSTEM_1250) . . . . .	605
Code page 1251, Generic (SYSTEM_1251) . . . . .	612
Code page 1252, Generic (SYSTEM_1252) . . . . .	619
Code page 1252, Denmark (SYSTEM_1252_DK) . . . . .	626
Code page 1252, Finland and Sweden (SYSTEM_1252_FI and SYSTEM_1252_SE) . . . . .	632
Code page 1252, Iceland (SYSTEM_1252_IS) . . . . .	639
Code page 1252, Norway (SYSTEM_1252_NO) . . . . .	646
Code page 1253, Generic (SYSTEM_1253) . . . . .	653
Code page 1254, Generic (SYSTEM_1254) . . . . .	659
Code page 1255, Generic (SYSTEM_1255) . . . . .	666
Code page 1256, Generic (SYSTEM_1256) . . . . .	673
Code page 1257, Generic (SYSTEM_1257) . . . . .	680
Code page 1257, Estonia (SYSTEM_1257_EE) . . . . .	686
Code page 1257, Lithuania (SYSTEM_1257_LT) . . . . .	693
Code page 1258, Generic (SYSTEM_1258) . . . . .	700
Code page 1275, Generic (SYSTEM_1275) . . . . .	707
Code page 1275, Denmark (SYSTEM_1275_DK) . . . . .	713
Code page 1275, Finland and Sweden (SYSTEM_1275_FI and SYSTEM_1275_SE) . . . . .	720
Code page 1275, Iceland (SYSTEM_1275_IS) . . . . .	727
Code page 1275, Norway (SYSTEM_1275_NO) . . . . .	734
Code page 1280, Generic (SYSTEM_1280) . . . . .	740
Code page 1281, Generic (SYSTEM_1281) . . . . .	747
Code page 1282, Generic (SYSTEM_1282) . . . . .	754
Code page 1283, Generic (SYSTEM_1283) . . . . .	761
Code page 1363, Generic (SYSTEM_1363) . . . . .	767
Code page 1381, Generic (SYSTEM_1381) . . . . .	774
Code page 1383, Generic (SYSTEM_1383) . . . . .	781
Code page 1386, Generic (SYSTEM_1386) . . . . .	788

<b>Appendix B. Overview of the DB2 technical information . . . . .</b>	<b>797</b>
DB2 technical library in hardcopy or PDF format	797
Ordering printed DB2 books . . . . .	800
Displaying SQL state help from the command line processor . . . . .	801
Accessing different versions of the DB2	
Information Center . . . . .	801
Displaying topics in your preferred language in the DB2 Information Center . . . . .	801
Updating the DB2 Information Center installed on your computer or intranet server . . . . .	802
Manually updating the DB2 Information Center installed on your computer or intranet server . . . . .	803
DB2 tutorials . . . . .	805
DB2 troubleshooting information . . . . .	805
Terms and Conditions . . . . .	806
<b>Appendix C. Notices . . . . .</b>	<b>807</b>
<b>Index . . . . .</b>	<b>811</b>



---

## About this book

This guide describes the multicultural support provided by DB2® databases, including information about supported territories, languages, code pages, and collations. It also contains instructions for configuring and using DB2 globalization features in your databases and applications.



---

## **Part 1. Database settings for multicultural support**



---

# Chapter 1. Choosing the code page, territory, and collation for your database

The database code page determines what characters you can store in the database. For example, if the database code page is 819, then only English and western European characters can be stored in the database. A code page is a numeric value given to a named code set.

Starting in DB2 9.5, if you do not specify the database code page when you create the database, the database code page defaults to Unicode. If you specify the database code page, you must also specify the territory.

The database territory determines the date and time formats. The default territory depends on the locale of the client that issues the CREATE DATABASE command or sqlecrea API. See the "Date and time formats by territory code" topic for details.

The default database collation is SYSTEM. The actual SYSTEM collation table used is dependent on the database territory.

You cannot change the database code page, territory code, and collation once the database is created. For a list of supported database code page, territory code, and default SYSTEM collation table, see the "Supported territory codes and code pages" topic.

- To create a database with a particular database code page, territory, and collation, issue the following command.

```
CREATE DATABASE dbname USING CODESET codeset
    TERRITORY territory COLLATE USING collation
```

For example, to create a non-Unicode database with Vietnam as the territory and using the default SYSTEM collation, issue the following command:

```
CREATE DATABASE dbname USING CODESET IBM-1129 TERRITORY VN
```

- To create a non-Unicode database using the sqlecrea API, set the values in *sqledbterritoryinfo* accordingly. Set SQLDBCODESET to a valid code set name and SQLDBLOCALE to any valid territory identifier. For example, to create a non-Unicode database with Vietnam as the territory, set SQLDBCODESET to IBM-1129 and SQLDBLOCALE to VN.



---

## Chapter 2. Supported territory codes and code pages

The following tables show the languages and code sets supported by the database servers, and how these values are mapped to territory code and code page values that are used by the database manager.

You can use any supported code page on any supported platform, except where the operating system is specified as "host". For example, you can create a database using code set 1252 on AIX®, even though the operating system itself does not support the 1252 code page.

When creating a database, specify the two- or three-letter territory identifier (found in the title of each table) as the TERRITORY parameter. For example, use the following syntax to create a database using the Arabic territory identifier on the AIX platform.

```
CREATE DATABASE TESTDB1 USING CODESET ISO8859-6 TERRITORY AA
```

**Note:** The CREATE DATABASE command will accept a valid territory identifier or a valid locale as the TERRITORY parameter.

The following is an explanation of the columns in the tables:

- **Code page** shows the IBM®-defined code page as mapped from the operating system code set.
- **Group** shows whether a code page is single-byte ("S"), double-byte ("D"), or neutral ("N"). The "-n" is a number used to create a letter-number combination. Matching combinations show where connection and conversion is allowed by DB2 database systems. For example, all "S-1" groups can work together. However, if the group is neutral, then connection and conversion with any other code page listed is allowed.
- **Code set** shows the code set associated with the supported language. The code set is mapped to the DB2 code page.
- **Territory code** shows the code that is used by the database manager internally to provide region-specific support.
- **Collation** shows the default collation for non-Unicode databases.
- **Locale** shows the locale values supported by the database manager.
- **Operating system** shows the operating system that supports the languages and code sets. When used in this column, the word "host" refers to an operating system such as z/OS® that supports the EBCDIC code pages natively. Note that Linux® on z/OS is not a host platform. You cannot use DB2 database manager to create a database in a host code page, but you can use DB2 database manager to connect to a host database in a supported host code page.

Table 1. Unicode

Code page	Group	Code set	Territory code	Locale	Operating system
1200	N-1	16-bit Unicode	Any	Any	Any
1208	N-1	UTF-8 encoding of Unicode	Any	Any	Any

Table 2. Albania, territory identifier: AL

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	355	"Code page 819, Generic (SYSTEM_819)" on page 227	sq_AL	AIX
850	S-1	IBM-850	355	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	355	"Code page 923, Generic (SYSTEM_923)" on page 423	sq_AL.8859-15	AIX
1208	N-1	UTF-8	355		SQ_AL	AIX
37	S-1	IBM-37	355		-	Host
1140	S-1	IBM-1140	355		-	Host
819	S-1	iso88591	355	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	355	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	355	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
437	S-1	IBM-437	355	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2®
850	S-1	IBM-850	355	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	355	"Code page 819, Generic (SYSTEM_819)" on page 227	-	Solaris
923	S-1	ISO8859-15	355	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	355	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows®

Table 3. Arabic countries/regions, territory identifier: AA

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1046	S-6	IBM-1046	785	"Code page 1046, Generic (SYSTEM_1046)" on page 511	Ar_AA	AIX
1089	S-6	ISO8859-6	785	"Code page 1089, Generic (SYSTEM_1089)" on page 552	ar_AA	AIX
1208	N-1	UTF-8	785		AR_AA	AIX
420	S-6	IBM-420	785		-	Host
425	S-6	IBM-425	785		-	Host
1089	S-6	iso88596	785	"Code page 1089, Generic (SYSTEM_1089)" on page 552	ar_SA.iso88596	HP-UX
864	S-6	IBM-864	785	"Code page 864, Generic (SYSTEM_864)" on page 342	-	OS/2
1256	S-6	1256	785	"Code page 1256, Generic (SYSTEM_1256)" on page 673	-	Windows

The following map to Arabic Countries/Regions (AA):

- Arabic (Saudi Arabia)
- Arabic (Iraq)
- Arabic (Egypt)
- Arabic (Libya)
- Arabic (Algeria)
- Arabic (Morocco)

- Arabic (Tunisia)
- Arabic (Oman)
- Arabic (Yemen)
- Arabic (Syria)
- Arabic (Jordan)
- Arabic (Lebanon)
- Arabic (Kuwait)
- Arabic (United Arab Emirates)
- Arabic (Bahrain)
- Arabic (Qatar)

Table 4. Australia, territory identifier: AU

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	61	"Code page 819, Generic (SYSTEM_819)" on page 227	en_AU	AIX
850	S-1	IBM-850	61	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	61	"Code page 923, Generic (SYSTEM_923)" on page 423	en_AU.8859-15	AIX
1208	N-1	UTF-8	61		EN_AU	AIX
37	S-1	IBM-37	61		-	Host
1140	S-1	IBM-1140	61		-	Host
819	S-1	iso88591	61	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	61	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	61	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
437	S-1	IBM-437	61	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	61	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	61	"Code page 819, Generic (SYSTEM_819)" on page 227	en_AU	SCO
819	S-1	ISO8859-1	61	"Code page 819, Generic (SYSTEM_819)" on page 227	en_AU	Solaris
923	S-1	ISO8859-15	61	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	61	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 5. Austria, territory identifier: AT

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	43	"Code page 819, Generic (SYSTEM_819)" on page 227	-	AIX
850	S-1	IBM-850	43	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	43	"Code page 923, Generic (SYSTEM_923)" on page 423	-	AIX
1208	N-1	UTF-8	43		-	AIX
37	S-1	IBM-37	43		-	Host

Table 5. Austria, territory identifier: AT (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1140	S-1	IBM-1140	43		-	Host
819	S-1	iso88591	43	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	43	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	43	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
819	S-1	ISO-8859-1	43	"Code page 819, Generic (SYSTEM_819)" on page 227	de_AT	Linux
923	S-1	ISO-8859-15	43	"Code page 923, Generic (SYSTEM_923)" on page 423	de_AT@euro	Linux
437	S-1	IBM-437	43	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	43	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	43	"Code page 819, Generic (SYSTEM_819)" on page 227	de_AT	SCO
819	S-1	ISO8859-1	43	"Code page 819, Generic (SYSTEM_819)" on page 227	de_AT	Solaris
923	S-1	ISO8859-15	43	"Code page 923, Generic (SYSTEM_923)" on page 423	de_AT.ISO8859-15	Solaris
1252	S-1	1252	43	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 6. Azerbaijan, territory identifier: AZ

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	994		-	-

Table 7. Belarus, territory identifier: BY

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1167	S-5	KOI8-RU	375	"Code page 1167, Generic (SYSTEM_1167)" on page 592	-	-
915	S-5	ISO8859-5	375	"Code page 915, Generic (SYSTEM_915)" on page 382	be_BY	AIX
1208	N-1	UTF-8	375		BE_BY	AIX
1025	S-5	IBM-1025	375		-	Host
1154	S-5	IBM-1154	375		-	Host
915	S-5	ISO8859-5	375	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1131	S-5	IBM-1131	375	"Code page 1131, Generic (SYSTEM_1131)" on page 578	-	OS/2
1251	S-5	1251	375	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 8. Belgium, territory identifier: BE

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1051	S-1	roman8	32	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_BE	AIX
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_BE	AIX
850	S-1	IBM-850	32	"Code page 850, Generic (SYSTEM_850)" on page 261	Fr_BE	AIX
850	S-1	IBM-850	32	"Code page 850, Generic (SYSTEM_850)" on page 261	Nl_BE	AIX
923	S-1	ISO8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_BE.8859-15	AIX
923	S-1	ISO8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	nl_BE.8859-15	AIX
1208	N-1	UTF-8	32		FR_BE	AIX
1208	N-1	UTF-8	32		NL_BE	AIX
274	S-1	IBM-274	32		-	Host
500	S-1	IBM-500	32		-	Host
1148	S-1	IBM-1148	32		-	Host
819	S-1	iso88591	32	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	32	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
819	S-1	ISO-8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_BE	Linux
819	S-1	ISO-8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_BE	Linux
923	S-1	ISO-8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_BE@euro	Linux
923	S-1	ISO-8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	nl_BE@euro	Linux
437	S-1	IBM-437	32	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	32	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_BE	SCO
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_BE	SCO
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_BE	Solaris
819	S-1	ISO8859-1	32	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_BE	Solaris
923	S-1	ISO8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_BE.ISO8859-15	Solaris
923	S-1	ISO8859-15	32	"Code page 923, Generic (SYSTEM_923)" on page 423	nl_BE.ISO8859-15	Solaris
1252	S-1	1252	32	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 9. Bulgaria, territory identifier: BG

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	ISO8859-5	359	"Code page 915, Generic (SYSTEM_915)" on page 382	bg_BG	AIX
1208	N-1	UTF-8	359		BG_BG	AIX
1025	S-5	IBM-1025	359		-	Host
1154	S-5	IBM-1154	359		-	Host
915	S-5	iso88595	359	"Code page 915, Generic (SYSTEM_915)" on page 382	bg_BG.iso88595	HP-UX
855	S-5	IBM-855	359	"Code page 855, Generic (SYSTEM_855)" on page 301	-	OS/2
915	S-5	ISO8859-5	359	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1251	S-5	1251	359	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 10. Brazil, territory identifier: BR

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	55	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
1051	S-1	roman8	55	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
819	S-1	ISO8859-1	55	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_BR	AIX
850	S-1	IBM-850	55	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	55	"Code page 923, Generic (SYSTEM_923)" on page 423	pt_BR.8859-15	AIX
1208	N-1	UTF-8	55		PT_BR	AIX
37	S-1	IBM-37	55		-	Host
1140	S-1	IBM-1140	55		-	Host
819	S-1	ISO8859-1	55	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	ISO8859-15	55	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
819	S-1	ISO-8859-1	55	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_BR	Linux
923	S-1	ISO-8859-15	55	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Linux
850	S-1	IBM-850	55	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	55	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_BR	SCO
819	S-1	ISO8859-1	55	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_BR	Solaris
923	S-1	ISO8859-15	55	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	55	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 11. Canada, territory identifier: CA

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	2	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	2	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_CA	AIX
850	S-1	IBM-850	2	"Code page 850, Generic (SYSTEM_850)" on page 261	Fr_CA	AIX
923	S-1	ISO8859-15	2	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_CA.iso88591	AIX
1208	N-1	UTF-8	2		FR_CA	AIX
37	S-1	IBM-37	2		-	Host
1140	S-1	IBM-1140	2		-	Host
819	S-1	iso88591	2	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_CA.iso88591	HP-UX
923	S-1	iso885915	2	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	2	"Code page 1051, Generic (SYSTEM_1051)" on page 518	fr_CA.roman8	HP-UX
819	S-1	ISO-8859-1	2	"Code page 819, Generic (SYSTEM_819)" on page 227	en_CA	Linux
923	S-1	ISO-8859-15	2	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Linux
850	S-1	IBM-850	2	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	2	"Code page 819, Generic (SYSTEM_819)" on page 227	en_CA	SCO
819	S-1	ISO8859-1	2	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_CA	SCO
819	S-1	ISO8859-1	2	"Code page 819, Generic (SYSTEM_819)" on page 227	en_CA	Solaris
923	S-1	ISO8859-15	2	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	2	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows
863	S-1	IBM-863	2	"Code page 863, Generic (SYSTEM_863)" on page 335	-	OS/2

Table 12. China (PRC), territory identifier: CN

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	86	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	86	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	86	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	86	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	86	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
1383	D-4	IBM-eucCN	86	"Code page 1383, Generic (SYSTEM_1383)" on page 781	zh_CN	AIX
1386	D-4	GBK	86	"Code page 1386, Generic (SYSTEM_1386)" on page 788	Zh_CN.GBK	AIX

Table 12. China (PRC), territory identifier: CN (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	86		ZH_CN	AIX
935	D-4	IBM-935	86		-	Host
1388	D-4	IBM-1388	86		-	Host
1383	D-4	hp15CN	86	"Code page 1383, Generic (SYSTEM_1383)" on page 781	zh_CN.hp15CN	HP-UX
1386	D-4	GBK	86	"Code page 1386, Generic (SYSTEM_1386)" on page 788	zh_CN.GBK	Linux
1381	D-4	IBM-1381	86	"Code page 1381, Generic (SYSTEM_1381)" on page 774	-	OS/2
1386	D-4	GBK	86	"Code page 1386, Generic (SYSTEM_1386)" on page 788	-	OS/2
1383	D-4	eucCN	86	"Code page 1383, Generic (SYSTEM_1383)" on page 781	zh_CN	SCO
1383	D-4	eucCN	86	"Code page 1383, Generic (SYSTEM_1383)" on page 781	zh_CN.eucCN	SCO
1383	D-4	gb2312	86	"Code page 1383, Generic (SYSTEM_1383)" on page 781	zh	Solaris
1208	N-1	UTF-8	86		zh.UTF-8	Solaris
1381	D-4	IBM-1381	86	"Code page 1381, Generic (SYSTEM_1381)" on page 774	-	Windows
1386	D-4	GBK	86	"Code page 1386, Generic (SYSTEM_1386)" on page 788	-	Windows
1392/5488	D-4		86		-	
See note 1 on page 40.						

The following map to Chinese-simplified (China):

- Chinese-simplified (Singapore)

Table 13. Croatia, territory identifier: HR

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	385	"Code page 912, Generic (SYSTEM_912)" on page 376	hr_HR	AIX
1208	N-1	UTF-8	385		HR_HR	AIX
870	S-2	IBM-870	385		-	Host
1153	S-2	IBM-1153	385		-	Host
912	S-2	iso88592	385	"Code page 912, Generic (SYSTEM_912)" on page 376	hr_HR.iso88592	HP-UX
912	S-2	ISO-8859-2	385	"Code page 912, Generic (SYSTEM_912)" on page 376	hr_HR	Linux
852	S-2	IBM-852	385	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	385	"Code page 912, Generic (SYSTEM_912)" on page 376	hr_HR.ISO8859-2	SCO
1250	S-2	1250	385	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 14. Czech Republic, territory identifier: CZ

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	421	"Code page 912, Generic (SYSTEM_912)" on page 376	cs_CZ	AIX
1208	N-1	UTF-8	421		CS_CZ	AIX
870	S-2	IBM-870	421		-	Host
1153	S-2	IBM-1153	421		-	Host
912	S-2	iso88592	421	"Code page 912, Generic (SYSTEM_912)" on page 376	cs_CZ.iso88592	HP-UX
912	S-2	ISO-8859-2	421	"Code page 912, Generic (SYSTEM_912)" on page 376	cs_CZ	Linux
852	S-2	IBM-852	421	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	421	"Code page 912, Generic (SYSTEM_912)" on page 376	cs_CZ.ISO8859-2	SCO
1250	S-2	1250	421	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 15. Denmark, territory identifier: DK

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	45	"Code page 437, Denmark (SYSTEM_437_DK)" on page 180	-	-
819	S-1	ISO8859-1	45	"Code page 819, Denmark (SYSTEM_819_DK)" on page 234	da_DK	AIX
850	S-1	IBM-850	45	"Code page 850, Denmark (SYSTEM_850_DK)" on page 268	Da_DK	AIX
923	S-1	ISO8859-15	45	"Code page 923, Denmark (SYSTEM_923_DK)" on page 429	da_DK.iso8859-15	AIX
1208	N-1	UTF-8	45		DA_DK	AIX
277	S-1	IBM-277	45		-	Host
1142	S-1	IBM-1142	45		-	Host
819	S-1	iso88591	45	"Code page 819, Denmark (SYSTEM_819_DK)" on page 234	da_DK.iso88591	HP-UX
923	S-1	iso885915	45	"Code page 923, Denmark (SYSTEM_923_DK)" on page 429	-	HP-UX
1051	S-1	roman8	45	"Code page 1051, Denmark (SYSTEM_1051_DK)" on page 525	da_DK.roman8	HP-UX
819	S-1	ISO-8859-1	45	"Code page 819, Denmark (SYSTEM_819_DK)" on page 234	da_DK	Linux
923	S-1	ISO-8859-15	45	"Code page 923, Denmark (SYSTEM_923_DK)" on page 429	-	Linux
850	S-1	IBM-850	45	"Code page 850, Denmark (SYSTEM_850_DK)" on page 268	-	OS/2

Table 15. Denmark, territory identifier: DK (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	45	“Code page 819, Denmark (SYSTEM_819_DK)” on page 234	da	SCO
819	S-1	ISO8859-1	45	“Code page 819, Denmark (SYSTEM_819_DK)” on page 234	da_DA	SCO
819	S-1	ISO8859-1	45	“Code page 819, Denmark (SYSTEM_819_DK)” on page 234	da_DK	SCO
819	S-1	ISO8859-1	45	“Code page 819, Denmark (SYSTEM_819_DK)” on page 234	da	Solaris
923	S-1	ISO8859-15	45	“Code page 923, Denmark (SYSTEM_923_DK)” on page 429	da.ISO8859-15	Solaris
1252	S-1	1252	45	“Code page 1252, Denmark (SYSTEM_1252_DK)” on page 626	-	Windows

Table 16. Estonia, territory identifier: EE

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
922	S-10	IBM-922	372	“Code page 922, Generic (SYSTEM_922)” on page 416	Et_EE	AIX
1208	N-1	UTF-8	372		ET_EE	AIX
1122	S-10	IBM-1122	372		-	Host
1157	S-10	IBM-1157	372		-	Host
922	S-10	IBM-922	372	“Code page 922, Generic (SYSTEM_922)” on page 416	-	OS/2
1257	S-10	1257	372	“Code page 1257, Estonia (SYSTEM_1257_EE)” on page 686	-	Windows

Table 17. Finland, territory identifier: FI

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	358	“Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)” on page 241	fi_FI	AIX
850	S-1	IBM-850	358	“Code page 850, Finland and Sweden (SYSTEM_850_FI and SYSTEM_850_SE)” on page 274	Fi_FI	AIX
923	S-1	ISO8859-15	358	“Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)” on page 436	fi_FI.ISO8859-15	AIX
1208	N-1	UTF-8	358		FI_FI	AIX
278	S-1	IBM-278	358		-	Host
1143	S-1	IBM-1143	358		-	Host

Table 17. Finland, territory identifier: FI (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	iso88591	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	fi_FI.iso88591	HP-UX
923	S-1	iso885915	358	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	-	HP-UX
1051	S-1	roman8	358	"Code page 1051, Finland and Sweden (SYSTEM_1051_FI and SYSTEM_1051_SE)" on page 531	fi_FI.roman8	HP-UX
819	S-1	ISO-8859-1	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	fi_FI	Linux
923	S-1	ISO-8859-15	358	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	fi_FI@euro	Linux
437	S-1	IBM-437	358	"Code page 437, Finland and Sweden (SYSTEM_437_FI and SYSTEM_437_SE)" on page 186	-	OS/2
850	S-1	IBM-850	358	"Code page 850, Finland and Sweden (SYSTEM_850_FI and SYSTEM_850_SE)" on page 274	-	OS/2
819	S-1	ISO8859-1	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241		SCO
819	S-1	ISO8859-1	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	fi_FI	SCO
819	S-1	ISO8859-1	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv_FI	SCO
819	S-1	ISO8859-1	358	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	-	Solaris
923	S-1	ISO8859-15	358	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	fi.ISO8859-15	Solaris
1252	S-1	1252	358	"Code page 1252, Finland and Sweden (SYSTEM_1252_FI and SYSTEM_1252_SE)" on page 632	-	Windows

Table 18. FYR Macedonia, territory identifier: MK

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	ISO8859-5	389	"Code page 915, Generic (SYSTEM_915)" on page 382	mk_MK	AIX
1208	N-1	UTF-8	389		MK_MK	AIX
1025	S-5	IBM-1025	389		-	Host
1154	S-5	IBM-1154	389		-	Host
915	S-5	iso88595	389	"Code page 915, Generic (SYSTEM_915)" on page 382	-	HP-UX
855	S-5	IBM-855	389	"Code page 855, Generic (SYSTEM_855)" on page 301	-	OS/2
915	S-5	ISO8859-5	389	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1251	S-5	1251	389	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 19. France, territory identifier: FR

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	33	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_FR	AIX
850	S-1	IBM-850	33	"Code page 850, Generic (SYSTEM_850)" on page 261	Fr_FR	AIX
923	S-1	ISO8859-15	33	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_FR.iso8859-15	AIX
1208	N-1	UTF-8	33		FR_FR	AIX
297	S-1	IBM-297	33		-	Host
1147	S-1	IBM-1147	33		-	Host
819	S-1	iso88591	33	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_FR.iso88591	HP-UX
923	S-1	iso885915	33	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	33	"Code page 1051, Generic (SYSTEM_1051)" on page 518	fr_FR.roman8	HP-UX
819	S-1	ISO-8859-1	33	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_FR	Linux
923	S-1	ISO-8859-15	33	"Code page 923, Generic (SYSTEM_923)" on page 423	fr_FR@euro	Linux
437	S-1	IBM-437	33	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	33	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	33	"Code page 819, Generic (SYSTEM_819)" on page 227		SCO
819	S-1	ISO8859-1	33	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_FR	SCO
819	S-1	ISO8859-1	33	"Code page 819, Generic (SYSTEM_819)" on page 227		Solaris
923	S-1	ISO8859-15	33	"Code page 923, Generic (SYSTEM_923)" on page 423	fr.ISO8859-15	Solaris
1208	N-1	UTF-8	33		fr.UTF-8	Solaris
1252	S-1	1252	33	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

The following map to French (France):

- French (Luxembourg)

*Table 20. Germany, territory identifier: DE*

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	49	"Code page 819, Generic (SYSTEM_819)" on page 227	de_DE	AIX
850	S-1	IBM-850	49	"Code page 850, Generic (SYSTEM_850)" on page 261	De_DE	AIX
923	S-1	ISO8859-15	49	"Code page 923, Generic (SYSTEM_923)" on page 423	de_DE.8859-15	AIX
1208	N-1	UTF-8	49		DE_DE	AIX
273	S-1	IBM-273	49		-	Host
1141	S-1	IBM-1141	49		-	Host
819	S-1	iso88591	49	"Code page 819, Generic (SYSTEM_819)" on page 227	de_DE.iso88591	HP-UX
923	S-1	iso885915	49	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	49	"Code page 1051, Generic (SYSTEM_1051)" on page 518	de_DE.roman8	HP-UX
819	S-1	ISO-8859-1	49	"Code page 819, Generic (SYSTEM_819)" on page 227	de_DE	Linux
923	S-1	ISO-8859-15	49	"Code page 923, Generic (SYSTEM_923)" on page 423	de_DE@euro	Linux
437	S-1	IBM-437	49	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	49	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	49	"Code page 819, Generic (SYSTEM_819)" on page 227		SCO
819	S-1	ISO8859-1	49	"Code page 819, Generic (SYSTEM_819)" on page 227	de_DE	SCO
819	S-1	ISO8859-1	49	"Code page 819, Generic (SYSTEM_819)" on page 227		Solaris
923	S-1	ISO8859-15	49	"Code page 923, Generic (SYSTEM_923)" on page 423	de.ISO8859-15	Solaris
1208	N-1	UTF-8	49		de.UTF-8	Solaris
1252	S-1	1252	49	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

The following map to German (Germany):

- German (Luxembourg)

*Table 21. Greece, territory identifier: GR*

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
813	S-7	ISO8859-7	30	"Code page 813, Generic (SYSTEM_813)" on page 220	el_GR	AIX
1208	N-1	UTF-8	30		EL_GR	AIX
423	S-7	IBM-423	30		-	Host
875	S-7	IBM-875	30		-	Host
813	S-7	iso88597	30	"Code page 813, Generic (SYSTEM_813)" on page 220	el_GR.iso88597	HP-UX

Table 21. Greece, territory identifier: GR (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
813	S-7	ISO-8859-7	30	"Code page 813, Generic (SYSTEM_813)" on page 220	el_GR	Linux
813	S-7	ISO8859-7	30	"Code page 813, Generic (SYSTEM_813)" on page 220	-	OS/2
869	S-7	IBM-869	30	"Code page 869, Generic (SYSTEM_869)" on page 355	-	OS/2
813	S-7	ISO8859-7	30	"Code page 813, Generic (SYSTEM_813)" on page 220	el_GR.ISO8859-7	SCO
737	S-7	737	30	"Code page 737, Generic (SYSTEM_737)" on page 207	-	Windows
1253	S-7	1253	30	"Code page 1253, Generic (SYSTEM_1253)" on page 653	-	Windows

Table 22. Hong Kong S.A.R. of China, territory identifier: HK

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	852		ZH_HK	AIX
1208	N-1	UTF-8	852		zh_HK.utf8	HP-UX
1375	D-5	Big5-HKSCS	852		zh_HK.hkbig5	HP-UX
1208	N-1	UTF-8	852		zh_HK.utf8	Linux
1375	D-5	Big5-HKSCS	852		zh_HK	Linux
1208	N-1	UTF-8	852		zh_HK.UTF-8	Solaris
1375	D-5	Big5-HKSCS	852		zh_HK.BIG5HK	Solaris
1208	N-1	UTF-8	852		-	Windows
1375	D-5	Big5-HKSCS	852		-	Windows

See note 6 on page 41.

Table 23. Hungary, territory identifier: HU

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	36	"Code page 912, Generic (SYSTEM_912)" on page 376	hu_HU	AIX
1208	N-1	UTF-8	36		HU_HU	AIX
870	S-2	IBM-870	36		-	Host
1153	S-2	IBM-1153	36		-	Host
912	S-2	iso88592	36	"Code page 912, Generic (SYSTEM_912)" on page 376	hu_HU.iso88592	HP-UX
912	S-2	ISO-8859-2	36	"Code page 912, Generic (SYSTEM_912)" on page 376	hu_HU	Linux
852	S-2	IBM-852	36	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	36	"Code page 912, Generic (SYSTEM_912)" on page 376	hu_HU.ISO8859-2	SCO
1250	S-2	1250	36	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 24. Iceland, territory identifier: IS

<b>Code page</b>	<b>Group</b>	<b>Code set</b>	<b>Territory code</b>	<b>Collation</b>	<b>Locale</b>	<b>Operating system</b>
437	S-1	IBM-437	354	"Code page 437, Iceland (SYSTEM_437_IS)" on page 193	-	-
819	S-1	ISO8859-1	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	is_IS	AIX
850	S-1	IBM-850	354	"Code page 850, Iceland (SYSTEM_850_IS)" on page 281	Is_IS	AIX
923	S-1	ISO8859-15	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	is_IS.8859-15	AIX
1208	N-1	UTF-8	354		IS_IS	AIX
871	S-1	IBM-871	354		-	Host
1149	S-1	IBM-1149	354		-	Host
819	S-1	iso88591	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	is_IS.iso88591	HP-UX
923	S-1	iso885915	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	-	HP-UX
1051	S-1	roman8	354	"Code page 1051, Iceland (SYSTEM_1051_IS)" on page 538	is_IS.roman8	HP-UX
819	S-1	ISO-8859-1	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	is_IS	Linux
923	S-1	ISO-8859-15	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	-	Linux
850	S-1	IBM-850	354	"Code page 850, Iceland (SYSTEM_850_IS)" on page 281	-	OS/2
819	S-1	ISO8859-1	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247		SCO
819	S-1	ISO8859-1	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	is_IS	SCO
819	S-1	ISO8859-1	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	-	Solaris
923	S-1	ISO8859-15	354	"Code page 819 and 923, Iceland (SYSTEM_819_IS and SYSTEM_923_IS)" on page 247	-	Solaris

Table 24. Iceland, territory identifier: IS (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1252	S-1	1252	354	"Code page 1252, Iceland (SYSTEM_1252_IS)" on page 639	-	Windows

Table 25. India, territory identifier: IN

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
806	S-13	IBM-806	91	"Code page 806, Generic (SYSTEM_806)" on page 214	hi_IN	-
437	S-1	IBM-437	91	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	91	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	91	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	91	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	91	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
1252	S-1	1252	91	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows
1137	S-13	IBM-1137	91		-	Host

The following Indic scripts are supported through Unicode: Hindi, Gujarati, Kannada, Konkani, Marathi, Punjabi, Sanskrit, Tamil and Telugu.

Table 26. Indonesia, territory identifier: ID

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	62	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	62	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	62	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	62	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	62	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
1252	S-1	1252	62	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 27. Ireland, territory identifier: IE

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	353	"Code page 819, Generic (SYSTEM_819)" on page 227	-	AIX
850	S-1	IBM-850	353	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX

Table 27. Ireland, territory identifier: IE (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
923	S-1	ISO8859-15	353	"Code page 923, Generic (SYSTEM_923)" on page 423	-	AIX
1208	N-1	UTF-8	353		-	AIX
285	S-1	IBM-285	353		-	Host
1146	S-1	IBM-1146	353		-	Host
819	S-1	iso88591	353	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	353	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	353	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
819	S-1	ISO-8859-1	353	"Code page 819, Generic (SYSTEM_819)" on page 227	en_IE	Linux
923	S-1	ISO-8859-15	353	"Code page 923, Generic (SYSTEM_923)" on page 423	en_IE@euro	Linux
437	S-1	IBM-437	353	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	353	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	353	"Code page 819, Generic (SYSTEM_819)" on page 227	en_IE.ISO8859-1	SCO
819	S-1	ISO8859-1	353	"Code page 819, Generic (SYSTEM_819)" on page 227	en_IE	Solaris
923	S-1	ISO8859-15	353	"Code page 923, Generic (SYSTEM_923)" on page 423	en_IE.ISO8859-15	Solaris
1252	S-1	1252	353	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 28. Israel, territory identifier: IL

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
856	S-8	IBM-856	972	"Code page 856, Generic (SYSTEM_856)" on page 308	Iw_IL	AIX
916	S-8	ISO8859-8	972	"Code page 916, Generic (SYSTEM_916)" on page 389	iw_IL	AIX
1208	N-1	UTF-8	972		HE-IL	AIX
916	S-8	ISO-8859-8	972	"Code page 916, Generic (SYSTEM_916)" on page 389	iw_IL	Linux
424	S-8	IBM-424	972		-	Host
862	S-8	IBM-862	972	"Code page 862, Generic (SYSTEM_862)" on page 328	-	OS/2
1255	S-8	1255	972	"Code page 1255, Generic (SYSTEM_1255)" on page 666	-	Windows

Table 29. Italy, territory identifier: IT

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	39	"Code page 819, Generic (SYSTEM_819)" on page 227	it_IT	AIX
850	S-1	IBM-850	39	"Code page 850, Generic (SYSTEM_850)" on page 261	It_IT	AIX

Table 29. Italy, territory identifier: IT (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
923	S-1	ISO8859-15	39	"Code page 923, Generic (SYSTEM_923)" on page 423	it_IT.8859-15	AIX
1208	N-1	UTF-8	39		It_IT	AIX
280	S-1	IBM-280	39		-	Host
1144	S-1	IBM-1144	39		-	Host
819	S-1	iso88591	39	"Code page 819, Generic (SYSTEM_819)" on page 227	it_IT.iso88591	HP-UX
923	S-1	iso885915	39	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	39	"Code page 1051, Generic (SYSTEM_1051)" on page 518	it_IT.roman8	HP-UX
819	S-1	ISO-8859-1	39	"Code page 819, Generic (SYSTEM_819)" on page 227	it_IT	Linux
923	S-1	ISO-8859-15	39	"Code page 923, Generic (SYSTEM_923)" on page 423	it_IT@euro	Linux
437	S-1	IBM-437	39	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	39	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	39	"Code page 819, Generic (SYSTEM_819)" on page 227		SCO
819	S-1	ISO8859-1	39	"Code page 819, Generic (SYSTEM_819)" on page 227	it_IT	SCO
819	S-1	ISO8859-1	39	"Code page 819, Generic (SYSTEM_819)" on page 227		Solaris
923	S-1	ISO8859-15	39	"Code page 923, Generic (SYSTEM_923)" on page 423	it.ISO8859-15	Solaris
1208	N-1	UTF-8	39		it.UTF-8	Solaris
1252	S-1	1252	39	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 30. Japan, territory identifier: JP

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	81	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	81	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	81	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	81	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	81	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
932	D-1	IBM-932	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	Ja_JP	AIX
943	D-1	IBM-943	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	Ja_JP	AIX
See note 2 on page 40.						
954	D-1	IBM-eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP	AIX

Table 30. Japan, territory identifier: JP (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	81		JA_JP	AIX
930	D-1	IBM-930	81		-	Host
939	D-1	IBM-939	81		-	Host
5026	D-1	IBM-5026	81		-	Host
5035	D-1	IBM-5035	81		-	Host
1390	D-1		81		-	Host
1399	D-1		81		-	Host
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP.eucJP	HP-UX
5039	D-1	SJIS	81	"Code page 942 and 5039, Generic (SYSTEM_942 and SYSTEM_5039)" on page 463	ja_JP.SJIS	HP-UX
954	D-1	EUC-JP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP	Linux
932	D-1	IBM-932	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	-	OS/2
942	D-1	IBM-942	81	"Code page 942 and 5039, Generic (SYSTEM_942 and SYSTEM_5039)" on page 463	-	OS/2
943	D-1	IBM-943	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	-	OS/2
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja	SCO
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP	SCO
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP.EUC	SCO
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja_JP.eucJP	SCO
943	D-1	IBM-943	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	ja_JP.PCK	Solaris
954	D-1	eucJP	81	"Code page 954, Generic (SYSTEM_954)" on page 491	ja	Solaris
1208	N-1	UTF-8	81		ja_JP.UTF-8	Solaris
943	D-1	IBM-943	81	"Code page 932 and 943, Generic (SYSTEM_932 and SYSTEM_943)" on page 450	-	Windows
1394	D-1		81		-	-

See note 3 on page 40.

Table 31. Kazakhstan, territory identifier: KZ

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1251	S-5	1251	7	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 32. Korea, South, territory identifier: KR

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	82	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	82	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	82	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	82	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	82	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
970	D-3	IBM-eucKR	82	"Code page 970, Generic (SYSTEM_970)" on page 504	ko_KR	AIX
1208	N-1	UTF-8	82		KO_KR	AIX
933	D-3	IBM-933	82		-	Host
1364	D-3	IBM-1364	82		-	Host
970	D-3	eucKR	82	"Code page 970, Generic (SYSTEM_970)" on page 504	ko_KR.eucKR	HP-UX
970	D-3	EUC-KR	82	"Code page 970, Generic (SYSTEM_970)" on page 504	ko_KR	Linux
949	D-3	IBM-949	82	"Code page 949, Generic (SYSTEM_949)" on page 477	-	OS/2
970	D-3	eucKR	82	"Code page 970, Generic (SYSTEM_970)" on page 504	ko_KR.eucKR	SGI
970	D-3	5601	82	"Code page 970, Generic (SYSTEM_970)" on page 504	ko	Solaris
1208	N-1	UTF-8	82		ko.UTF-8	Solaris
1363	D-3	1363	82	"Code page 1363, Generic (SYSTEM_1363)" on page 767	-	Windows

Table 33. Latin America, territory identifier: Lat

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	3	"Code page 819, Generic (SYSTEM_819)" on page 227	-	AIX
850	S-1	IBM-850	3	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	3	"Code page 923, Generic (SYSTEM_923)" on page 423	-	AIX
1208	N-1	UTF-8	3		-	AIX
284	S-1	IBM-284	3		-	Host
1145	S-1	IBM-1145	3		-	Host
819	S-1	iso88591	3	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	3	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	3	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
819	S-1	ISO-8859-1	3	"Code page 819, Generic (SYSTEM_819)" on page 227	-	Linux
923	S-1	ISO-8859-15	3	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Linux
437	S-1	IBM-437	3	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2

Table 33. Latin America, territory identifier: Lat (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
850	S-1	IBM-850	3	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	3	"Code page 819, Generic (SYSTEM_819)" on page 227	-	Solaris
923	S-1	ISO8859-15	3	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	3	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

The following map to Latin America (Lat):

- Spanish (Mexican)
- Spanish (Guatemala)
- Spanish (Costa Rica)
- Spanish (Panama)
- Spanish (Dominican Republic)
- Spanish (Venezuela)
- Spanish (Colombia)
- Spanish (Peru)
- Spanish (Argentina)
- Spanish (Ecuador)
- Spanish (Chile)
- Spanish (Uruguay)
- Spanish (Paraguay)
- Spanish (Bolivia)
- Spanish (El Salvador)
- Spanish (Honduras)
- Spanish (Nicaragua)
- Spanish (Puerto Rico)

Table 34. Latvia, territory identifier: LV

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
921	S-10	IBM-921	371	"Code page 921, Generic (SYSTEM_921)" on page 402	Lv_LV	AIX
1208	N-1	UTF-8	371		LV_LV	AIX
1112	S-10	IBM-1112	371		-	Host
1156	S-10	IBM-1156	371		-	Host
921	S-10	IBM-921	371	"Code page 921, Generic (SYSTEM_921)" on page 402	-	OS/2
1257	S-10	1257	371	"Code page 1257, Generic (SYSTEM_1257)" on page 680	-	Windows

Table 35. Lithuania, territory identifier: LT

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
921	S-10	IBM-921	370	"Code page 921, Generic (SYSTEM_921)" on page 402	Lt_LT	AIX
1208	N-1	UTF-8	370		LT_LT	AIX
1112	S-10	IBM-1112	370		-	Host
1156	S-10	IBM-1156	370		-	Host
921	S-10	IBM-921	370	"Code page 921, Generic (SYSTEM_921)" on page 402	-	OS/2
1257	S-10	1257	370	"Code page 1257, Lithuania (SYSTEM_1257_LT)" on page 693	-	Windows

Table 36. Malaysia, territory identifier: MY

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	60	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	60	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	60	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	60	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	60	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
1252	S-1	1252	60	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 37. Malta, territory identifier: MT

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	356		-	-

Table 38. Montenegro, territory identifier: ME

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	ISO8859-5	382	"Code page 915, Generic (SYSTEM_915)" on page 382	-	AIX
1208	N-1	UTF-8	382		-	AIX
1025	S-5	IBM-1025	382		-	Host
1154	S-5	IBM-1154	382		-	Host
915	S-5	iso88595	382	"Code page 915, Generic (SYSTEM_915)" on page 382	-	HP-UX
855	S-5	IBM-855	382	"Code page 855, Generic (SYSTEM_855)" on page 301	-	OS/2
915	S-5	ISO8859-5	382	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1251	S-5	1251	382	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 39. Netherlands, territory identifier: NL

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_NL	AIX
850	S-1	IBM-850	31	"Code page 850, Generic (SYSTEM_850)" on page 261	Nl_NL	AIX
923	S-1	ISO8859-15	31	"Code page 923, Generic (SYSTEM_923)" on page 423	nl_NL.ISO8859-15	AIX
1208	N-1	UTF-8	31		NL_NL	AIX
37	S-1	IBM-37	31		-	Host
1140	S-1	IBM-1140	31		-	Host
819	S-1	iso88591	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_NL.iso88591	HP-UX
923	S-1	iso885915	31	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	31	"Code page 1051, Generic (SYSTEM_1051)" on page 518	nl_NL.roman8	HP-UX
819	S-1	ISO-8859-1	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_NL	Linux
923	S-1	ISO-8859-15	31	"Code page 923, Generic (SYSTEM_923)" on page 423	nl_NL@euro	Linux
437	S-1	IBM-437	31	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	31	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl	SCO
819	S-1	ISO8859-1	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl_NL	SCO
819	S-1	ISO8859-1	31	"Code page 819, Generic (SYSTEM_819)" on page 227	nl	Solaris
923	S-1	ISO8859-15	31	"Code page 923, Generic (SYSTEM_923)" on page 423	nl.ISO8859-15	Solaris
1252	S-1	1252	31	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 40. New Zealand, territory identifier: NZ

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	64	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
1051	S-1	roman8	64	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
819	S-1	ISO8859-1	64	"Code page 819, Generic (SYSTEM_819)" on page 227	-	AIX
850	S-1	IBM-850	64	"Code page 850, Generic (SYSTEM_850)" on page 261	-	AIX
923	S-1	ISO8859-15	64	"Code page 923, Generic (SYSTEM_923)" on page 423	-	AIX
1208	N-1	UTF-8	64		-	AIX
37	S-1	IBM-37	64		-	Host
1140	S-1	IBM-1140	64		-	Host
819	S-1	ISO8859-1	64	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX

Table 40. New Zealand, territory identifier: NZ (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
923	S-1	ISO8859-15	64	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
850	S-1	IBM-850	64	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	64	"Code page 819, Generic (SYSTEM_819)" on page 227	en_NZ	SCO
819	S-1	ISO8859-1	64	"Code page 819, Generic (SYSTEM_819)" on page 227	en_NZ	Solaris
923	S-1	ISO8859-15	64	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	64	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 41. Norway, territory identifier: NO

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	47	"Code page 437, Norway (SYSTEM_437_NO)" on page 200	-	-
819	S-1	ISO8859-1	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no_NO	AIX
850	S-1	IBM-850	47	"Code page 850, Norway (SYSTEM_850_NO)" on page 288	No_NO	AIX
923	S-1	ISO8859-15	47	"Code page 923, Norway (SYSTEM_923_NO)" on page 443	no_NO.iso8859-15	AIX
1208	N-1	UTF-8	47		NO_NO	AIX
277	S-1	IBM-277	47		-	Host
1142	S-1	IBM-1142	47		-	Host
819	S-1	iso88591	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no_NO.iso88591	HP-UX
923	S-1	iso885915	47	"Code page 923, Norway (SYSTEM_923_NO)" on page 443	-	HP-UX
1051	S-1	roman8	47	"Code page 1051, Norway (SYSTEM_1051_NO)" on page 545	no_NO.roman8	HP-UX
819	S-1	ISO-8859-1	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no_NO	Linux
923	S-1	ISO-8859-15	47	"Code page 923, Norway (SYSTEM_923_NO)" on page 443	-	Linux
850	S-1	IBM-850	47	"Code page 850, Norway (SYSTEM_850_NO)" on page 288	-	OS/2
819	S-1	ISO8859-1	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no	SCO

Table 41. Norway, territory identifier: NO (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no_NO	SCO
819	S-1	ISO8859-1	47	"Code page 819, Norway (SYSTEM_819_NO)" on page 254	no	Solaris
923	S-1	ISO8859-15	47	"Code page 923, Norway (SYSTEM_923_NO)" on page 443	-	Solaris
1252	S-1	1252	47	"Code page 1252, Norway (SYSTEM_1252_NO)" on page 646	-	Windows

Table 42. Pakistan, territory identifier: PK

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1208	N-1	UTF-8	92		-	-

Table 43. Poland, territory identifier: PL

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	48	"Code page 912, Generic (SYSTEM_912)" on page 376	pl_PL	AIX
1208	N-1	UTF-8	48		PL_PL	AIX
870	S-2	IBM-870	48		-	Host
1153	S-2	IBM-1153	48		-	Host
912	S-2	iso88592	48	"Code page 912, Generic (SYSTEM_912)" on page 376	pl_PL.iso88592	HP-UX
912	S-2	ISO-8859-2	48	"Code page 912, Generic (SYSTEM_912)" on page 376	pl_PL	Linux
852	S-2	IBM-852	48	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	48	"Code page 912, Generic (SYSTEM_912)" on page 376	pl_PL.ISO8859-2	SCO
1250	S-2	1250	48	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 44. Portugal, territory identifier: PT

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	351	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_PT	AIX
850	S-1	IBM-850	351	"Code page 850, Generic (SYSTEM_850)" on page 261	Pt_PT	AIX
923	S-1	ISO8859-15	351	"Code page 923, Generic (SYSTEM_923)" on page 423	pt_PT.8859-15	AIX
1208	N-1	UTF-8	351		PT_PT	AIX
37	S-1	IBM-37	351		-	Host

Table 44. Portugal, territory identifier: PT (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1140	S-1	IBM-1140	351		-	Host
819	S-1	iso88591	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_PT.iso88591	HP-UX
923	S-1	iso885915	351	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	351	"Code page 1051, Generic (SYSTEM_1051)" on page 518	pt_PT.roman8	HP-UX
819	S-1	ISO-8859-1	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_PT	Linux
923	S-1	ISO-8859-15	351	"Code page 923, Generic (SYSTEM_923)" on page 423	pt_PT@euro	Linux
850	S-1	IBM-850	351	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
860	S-1	IBM-860	351	"Code page 860, Generic (SYSTEM_860)" on page 322	-	OS/2
819	S-1	ISO8859-1	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt	SCO
819	S-1	ISO8859-1	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt_PT	SCO
819	S-1	ISO8859-1	351	"Code page 819, Generic (SYSTEM_819)" on page 227	pt	Solaris
923	S-1	ISO8859-15	351	"Code page 923, Generic (SYSTEM_923)" on page 423	pt.ISO8859-15	Solaris
1252	S-1	1252	351	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 45. Romania, territory identifier: RO

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	40	"Code page 912, Generic (SYSTEM_912)" on page 376	ro_RO	AIX
1208	N-1	UTF-8	40		RO_RO	AIX
870	S-2	IBM-870	40		-	Host
1153	S-2	IBM-1153	40		-	Host
912	S-2	iso88592	40	"Code page 912, Generic (SYSTEM_912)" on page 376	ro_RO.iso88592	HP-UX
912	S-2	ISO-8859-2	40	"Code page 912, Generic (SYSTEM_912)" on page 376	ro_RO	Linux
852	S-2	IBM-852	40	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	40	"Code page 912, Generic (SYSTEM_912)" on page 376	ro_RO.ISO8859-2	SCO
1250	S-2	1250	40	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 46. Russia, territory identifier: RU

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	ISO8859-5	7	"Code page 915, Generic (SYSTEM_915)" on page 382	ru_RU	AIX
1208	N-1	UTF-8	7		RU_RU	AIX

Table 46. Russia, territory identifier: RU (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1025	S-5	IBM-1025	7		-	Host
1154	S-5	IBM-1154	7		-	Host
915	S-5	iso88595	7	"Code page 915, Generic (SYSTEM_915)" on page 382	ru_RU.iso88595	HP-UX
878	S-5	KOI8-R	7	"Code page 878, Generic (SYSTEM_878)" on page 369	ru_RU.koi8-r	Linux, Solaris
915	S-5	ISO-8859-5	7	"Code page 915, Generic (SYSTEM_915)" on page 382	ru_RU	Linux
866	S-5	IBM-866	7	"Code page 866, Generic (SYSTEM_866)" on page 349	-	OS/2
915	S-5	ISO8859-5	7	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
915	S-5	ISO8859-5	7	"Code page 915, Generic (SYSTEM_915)" on page 382	ru_RU.ISO8859-5	SCO
1251	S-5	1251	7	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 47. Serbia, territory identifier: RS

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	ISO8859-5	381	"Code page 915, Generic (SYSTEM_915)" on page 382	-	AIX
1208	N-1	UTF-8	381		-	AIX
1025	S-5	IBM-1025	381		-	Host
1154	S-5	IBM-1154	381		-	Host
915	S-5	iso88595	381	"Code page 915, Generic (SYSTEM_915)" on page 382	-	HP-UX
855	S-5	IBM-855	381	"Code page 855, Generic (SYSTEM_855)" on page 301	-	OS/2
915	S-5	ISO8859-5	381	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1251	S-5	1251	381	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

Table 48. Serbia/Montenegro, territory identifier: SP.

**Note:** This table has been deprecated. Refer to Table 38 on page 26 (Montenegro, territory identifier: ME) and Table 47 (Serbia, territory identifier: RS).

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
852	S-2	IBM-852	381	"Code page 852, Generic (SYSTEM_852)" on page 295	-	-
912	S-2	ISO8859-2	381	"Code page 912, Generic (SYSTEM_912)" on page 376	-	-
1250	S-2	1250	381	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	-
915	S-5	ISO8859-5	381	"Code page 915, Generic (SYSTEM_915)" on page 382	sr_SP	AIX
1208	N-1	UTF-8	381		SR_SP	AIX
1025	S-5	IBM-1025	381		-	Host
1154	S-5	IBM-1154	381		-	Host

*Table 48. Serbia/Montenegro, territory identifier: SP (continued).*

**Note:** This table has been deprecated. Refer to Table 38 on page 26 (Montenegro, territory identifier: ME) and Table 47 on page 31 (Serbia, territory identifier: RS).

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
915	S-5	iso88595	381	"Code page 915, Generic (SYSTEM_915)" on page 382	-	HP-UX
855	S-5	IBM-855	381	"Code page 855, Generic (SYSTEM_855)" on page 301	-	OS/2
915	S-5	ISO8859-5	381	"Code page 915, Generic (SYSTEM_915)" on page 382	-	OS/2
1251	S-5	1251	381	"Code page 1251, Generic (SYSTEM_1251)" on page 612	-	Windows

*Table 49. Slovakia, territory identifier: SK*

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	422	"Code page 912, Generic (SYSTEM_912)" on page 376	sk_SK	AIX
1208	N-1	UTF-8	422		SK_SK	AIX
870	S-2	IBM-870	422		-	Host
1153	S-2	IBM-1153	422		-	Host
912	S-2	iso88592	422	"Code page 912, Generic (SYSTEM_912)" on page 376	sk_SK.iso88592	HP-UX
852	S-2	IBM-852	422	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	422	"Code page 912, Generic (SYSTEM_912)" on page 376	sk_SK.ISO8859-2	SCO
1250	S-2	1250	422	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

*Table 50. Slovenia, territory identifier: SI*

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
912	S-2	ISO8859-2	386	"Code page 912, Generic (SYSTEM_912)" on page 376	sl_SI	AIX
1208	N-1	UTF-8	386		SL_SI	AIX
870	S-2	IBM-870	386		-	Host
1153	S-2	IBM-1153	386		-	Host
912	S-2	iso88592	386	"Code page 912, Generic (SYSTEM_912)" on page 376	sl_SI.iso88592	HP-UX
912	S-2	ISO-8859-2	386	"Code page 912, Generic (SYSTEM_912)" on page 376	sl_SI	Linux
852	S-2	IBM-852	386	"Code page 852, Generic (SYSTEM_852)" on page 295	-	OS/2
912	S-2	ISO8859-2	386	"Code page 912, Generic (SYSTEM_912)" on page 376	sl_SI.ISO8859-2	SCO
1250	S-2	1250	386	"Code page 1250, Generic (SYSTEM_1250)" on page 605	-	Windows

Table 51. South Africa, territory identifier: ZA

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	27	"Code page 819, Generic (SYSTEM_819)" on page 227	en_ZA	AIX
850	S-1	IBM-850	27	"Code page 850, Generic (SYSTEM_850)" on page 261	En_ZA	AIX
923	S-1	ISO8859-15	27	"Code page 923, Generic (SYSTEM_923)" on page 423	en_ZA.ISO8859-15	AIX
1208	N-1	UTF-8	27		EN_ZA	AIX
285	S-1	IBM-285	27		-	Host
1146	S-1	IBM-1146	27		-	Host
819	S-1	iso88591	27	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	27	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	27	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
437	S-1	IBM-437	27	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	27	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	27	"Code page 819, Generic (SYSTEM_819)" on page 227	en_ZA.ISO8859-1	SCO
819	S-1	ISO8859-1	27	"Code page 819, Generic (SYSTEM_819)" on page 227	-	Solaris
923	S-1	ISO8859-15	27	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	27	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 52. Spain, territory identifier: ES

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es_ES	AIX
850	S-1	IBM-850	34	"Code page 850, Generic (SYSTEM_850)" on page 261	Es_ES	AIX
923	S-1	ISO8859-15	34	"Code page 923, Generic (SYSTEM_923)" on page 423	es_ES.ISO8859-15	AIX
1208	N-1	UTF-8	34		ES_ES	AIX
284	S-1	IBM-284	34		-	Host
1145	S-1	IBM-1145	34		-	Host
819	S-1	iso88591	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es_ES.iso88591	HP-UX
923	S-1	iso885915	34	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	34	"Code page 1051, Generic (SYSTEM_1051)" on page 518	es_ES.roman8	HP-UX
819	S-1	ISO-8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es_ES	Linux
923	S-1	ISO-8859-15	34	"Code page 923, Generic (SYSTEM_923)" on page 423	es_ES@euro	Linux
437	S-1	IBM-437	34	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2

Table 52. Spain, territory identifier: ES (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
850	S-1	IBM-850	34	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es	SCO
819	S-1	ISO8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es_ES	SCO
819	S-1	ISO8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	es	Solaris
923	S-1	ISO8859-15	34	"Code page 923, Generic (SYSTEM_923)" on page 423	es.ISO8859-15	Solaris
1208	N-1	UTF-8	34		es.UTF-8	Solaris
1252	S-1	1252	34	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 53. Spain (Catalan), territory identifier: ES

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	34	"Code page 819, Generic (SYSTEM_819)" on page 227	ca_ES	AIX
850	S-1	IBM-850	34	"Code page 850, Generic (SYSTEM_850)" on page 261	Ca_ES	AIX
923	S-1	ISO8859-15	34	"Code page 923, Generic (SYSTEM_923)" on page 423	ca_ES.8859-15	AIX
1208	N-1	UTF-8	34		CA_ES	AIX

Table 54. Sweden, territory identifier: SE

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv_SE	AIX
850	S-1	IBM-850	46	"Code page 850, Finland and Sweden (SYSTEM_850_FI and SYSTEM_850_SE)" on page 274	Sv_SE	AIX
923	S-1	ISO8859-15	46	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	sv_SE.8859-15	AIX
1208	N-1	UTF-8	46		SV_SE	AIX
278	S-1	IBM-278	46		-	Host
1143	S-1	IBM-1143	46		-	Host
819	S-1	iso88591	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv_SE.iso88591	HP-UX
923	S-1	iso885915	46	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	-	HP-UX

Table 54. Sweden, territory identifier: SE (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1051	S-1	roman8	46	"Code page 1051, Finland and Sweden (SYSTEM_1051_FI and SYSTEM_1051_SE)" on page 531	sv_SE.roman8	HP-UX
819	S-1	ISO-8859-1	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv_SE	Linux
923	S-1	ISO-8859-15	46	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	-	Linux
437	S-1	IBM-437	46	"Code page 437, Finland and Sweden (SYSTEM_437_FI and SYSTEM_437_SE)" on page 186	-	OS/2
850	S-1	IBM-850	46	"Code page 850, Finland and Sweden (SYSTEM_850_FI and SYSTEM_850_SE)" on page 274	-	OS/2
819	S-1	ISO8859-1	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv	SCO
819	S-1	ISO8859-1	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv_SE	SCO
819	S-1	ISO8859-1	46	"Code page 819, Finland and Sweden (SYSTEM_819_FI and SYSTEM_819_SE)" on page 241	sv	Solaris
923	S-1	ISO8859-15	46	"Code page 923, Finland and Sweden (SYSTEM_923_FI and SYSTEM_923_SE)" on page 436	sv.ISO8859-15	Solaris
1208	N-1	UTF-8	46		sv.UTF-8	Solaris
1252	S-1	1252	46	"Code page 1252, Finland and Sweden (SYSTEM_1252_FI and SYSTEM_1252_SE)" on page 632	-	Windows

Table 55. Switzerland, territory identifier: CH

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	de_CH	AIX
850	S-1	IBM-850	41	"Code page 850, Generic (SYSTEM_850)" on page 261	De_CH	AIX
923	S-1	ISO8859-15	41	"Code page 923, Generic (SYSTEM_923)" on page 423	de_CH.8859-15	AIX
1208	N-1	UTF-8	41		DE_CH	AIX
500	S-1	IBM-500	41		-	Host
1148	S-1	IBM-1148	41		-	Host

Table 55. Switzerland, territory identifier: CH (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	iso88591	41	"Code page 819, Generic (SYSTEM_819)" on page 227	-	HP-UX
923	S-1	iso885915	41	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	41	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	HP-UX
819	S-1	ISO-8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	de_CH	Linux
923	S-1	ISO-8859-15	41	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Linux
437	S-1	IBM-437	41	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	41	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	de_CH	SCO
819	S-1	ISO8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	fr_CH	SCO
819	S-1	ISO8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	it_CH	SCO
819	S-1	ISO8859-1	41	"Code page 819, Generic (SYSTEM_819)" on page 227	de_CH	Solaris
923	S-1	ISO8859-15	41	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Solaris
1252	S-1	1252	41	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 56. Taiwan, territory identifier: TW

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
437	S-1	IBM-437	88	"Code page 437, Generic (SYSTEM_437)" on page 173	-	-
819	S-1	ISO8859-1	88	"Code page 819, Generic (SYSTEM_819)" on page 227	-	-
850	S-1	IBM-850	88	"Code page 850, Generic (SYSTEM_850)" on page 261	-	-
923	S-1	ISO8859-15	88	"Code page 923, Generic (SYSTEM_923)" on page 423	-	-
1051	S-1	roman8	88	"Code page 1051, Generic (SYSTEM_1051)" on page 518	-	-
950	D-2	big5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	Zh_TW	AIX
See note 5 on page 40.						
964	D-2	IBM-eucTW	88	"Code page 964, Generic (SYSTEM_964)" on page 497	zh_TW	AIX
1208	N-1	UTF-8	88		ZH_TW	AIX
937	D-2	IBM-937	88		-	Host
1371	D-2	IBM-1371	88		-	Host
950	D-2	big5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	zh_TW.big5	HP-UX
964	D-2	eucTW	88	"Code page 964, Generic (SYSTEM_964)" on page 497	zh_TW.eucTW	HP-UX

Table 56. Taiwan, territory identifier: TW (continued)

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
950	D-2	BIG5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	zh_TW	Linux
938	D-2	IBM-938	88	"Code page 938, Generic (SYSTEM_938)" on page 457	-	OS/2
948	D-2	IBM-948	88	"Code page 948, Generic (SYSTEM_948)" on page 470	-	OS/2
950	D-2	big5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	-	OS/2
950	D-2	big5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	zh_TW.BIG5	Solaris
964	D-2	cns11643	88	"Code page 964, Generic (SYSTEM_964)" on page 497	zh_TW	Solaris
1208	N-1	UTF-8	88		zh_TW.UTF-8	Solaris
950	D-2	big5	88	"Code page 950, Generic (SYSTEM_950)" on page 484	-	Windows

See note 5 on page 40.

Table 57. Thailand, territory identifier: TH

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
874	S-20	TIS620-1	66	"Code page 874, Generic (SYSTEM_874)" on page 362	th_TH	AIX
1208	N-1	UTF-8	66		TH_TH	AIX
838	S-20	IBM-838	66		-	Host
1160	S-20	IBM-1160	66		-	Host
874	S-20	tis620	66	"Code page 874, Generic (SYSTEM_874)" on page 362	th_TH.tis620	HP-UX
874	S-20	TIS620-1	66	"Code page 874, Generic (SYSTEM_874)" on page 362	-	OS/2
874	S-20	TIS620-1	66	"Code page 874, Generic (SYSTEM_874)" on page 362	-	Windows

Table 58. Turkey, territory identifier: TR

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
920	S-9	ISO8859-9	90	"Code page 920, Generic (SYSTEM_920)" on page 396	tr_TR	AIX
1208	N-1	UTF-8	90		TR_TR	AIX
1026	S-9	IBM-1026	90		-	Host
1155	S-9	IBM-1155	90		-	Host
920	S-9	iso88599	90	"Code page 920, Generic (SYSTEM_920)" on page 396	tr_TR.iso88599	HP-UX
920	S-9	ISO-8859-9	90	"Code page 920, Generic (SYSTEM_920)" on page 396	tr_TR	Linux
857	S-9	IBM-857	90	"Code page 857, Generic (SYSTEM_857)" on page 315	-	OS/2
920	S-9	ISO8859-9	90	"Code page 920, Generic (SYSTEM_920)" on page 396	tr_TR.ISO8859-9	SCO
1254	S-9	1254	90	"Code page 1254, Generic (SYSTEM_1254)" on page 659	-	Windows

Table 59. United Kingdom, territory identifier: GB

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en_GB	AIX
850	S-1	IBM-850	44	“Code page 850, Generic (SYSTEM_850)” on page 261	En_GB	AIX
923	S-1	ISO8859-15	44	“Code page 923, Generic (SYSTEM_923)” on page 423	en_GB.ISO8859-15	AIX
1208	N-1	UTF-8	44		EN_GB	AIX
285	S-1	IBM-285	44		-	Host
1146	S-1	IBM-1146	44		-	Host
819	S-1	iso88591	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en_GB.iso88591	HP-UX
923	S-1	iso885915	44	“Code page 923, Generic (SYSTEM_923)” on page 423	-	HP-UX
1051	S-1	roman8	44	“Code page 1051, Generic (SYSTEM_1051)” on page 518	en_GB.roman8	HP-UX
819	S-1	ISO-8859-1	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en_GB	Linux
923	S-1	ISO-8859-15	44	“Code page 923, Generic (SYSTEM_923)” on page 423	-	Linux
437	S-1	IBM-437	44	“Code page 437, Generic (SYSTEM_437)” on page 173	-	OS/2
850	S-1	IBM-850	44	“Code page 850, Generic (SYSTEM_850)” on page 261	-	OS/2
819	S-1	ISO8859-1	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en_GB	SCO
819	S-1	ISO8859-1	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en	SCO
819	S-1	ISO8859-1	44	“Code page 819, Generic (SYSTEM_819)” on page 227	en_GB	Solaris
923	S-1	ISO8859-15	44	“Code page 923, Generic (SYSTEM_923)” on page 423	en_GB.ISO8859-15	Solaris
1252	S-1	1252	44	“Code page 1252, Generic (SYSTEM_1252)” on page 619	-	Windows

Table 60. Ukraine, territory identifier: UA

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1167	S-5	KOI8-RU	380	“Code page 1167, Generic (SYSTEM_1167)” on page 592	-	-
1124	S-12	IBM-1124	380	“Code page 1124, Generic (SYSTEM_1124)” on page 558	Uk_UA	AIX
1208	N-1	UTF-8	380		UK_UA	AIX
1123	S-12	IBM-1123	380		-	Host
1158	S-12	IBM-1158	380		-	Host
1168	S-12	KOI8-U	380	“Code page 1168, Generic (SYSTEM_1168)” on page 599	uk_UA.koi8u	Linux
1125	S-12	IBM-1125	380	“Code page 1125, Generic (SYSTEM_1125)” on page 565	-	OS/2
1251	S-12	1251	380	“Code page 1251, Generic (SYSTEM_1251)” on page 612	-	Windows

Table 61. United States of America, territory identifier: US

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
819	S-1	ISO8859-1	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US	AIX
850	S-1	IBM-850	1	"Code page 850, Generic (SYSTEM_850)" on page 261	En_US	AIX
923	S-1	ISO8859-15	1	"Code page 923, Generic (SYSTEM_923)" on page 423	en_US.ISO8859-15	AIX
1208	N-1	UTF-8	1		EN_US	AIX
37	S-1	IBM-37	1		-	Host
1140	S-1	IBM-1140	1		-	Host
819	S-1	iso88591	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US.iso88591	HP-UX
923	S-1	iso885915	1	"Code page 923, Generic (SYSTEM_923)" on page 423	-	HP-UX
1051	S-1	roman8	1	"Code page 1051, Generic (SYSTEM_1051)" on page 518	en_US.roman8	HP-UX
819	S-1	ISO-8859-1	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US	Linux
923	S-1	ISO-8859-15	1	"Code page 923, Generic (SYSTEM_923)" on page 423	-	Linux
437	S-1	IBM-437	1	"Code page 437, Generic (SYSTEM_437)" on page 173	-	OS/2
850	S-1	IBM-850	1	"Code page 850, Generic (SYSTEM_850)" on page 261	-	OS/2
819	S-1	ISO8859-1	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US	SCO
819	S-1	ISO8859-1	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US	SGI
819	S-1	ISO8859-1	1	"Code page 819, Generic (SYSTEM_819)" on page 227	en_US	Solaris
923	S-1	ISO8859-15	1	"Code page 923, Generic (SYSTEM_923)" on page 423	en_US.ISO8859-15	Solaris
1208	N-1	UTF-8	1		en_US.UTF-8	Solaris
1252	S-1	1252	1	"Code page 1252, Generic (SYSTEM_1252)" on page 619	-	Windows

Table 62. Vietnam, territory identifier: VN

Code page	Group	Code set	Territory code	Collation	Locale	Operating system
1129	S-11	IBM-1129	84	"Code page 1129, Generic (SYSTEM_1129)" on page 572	Vi_VN	AIX
1208	N-1	UTF-8	84		VI_VN	AIX
1130	S-11	IBM-1130	84		-	Host
1164	S-11	IBM-1164	84		-	Host
1129	S-11	IBM-1129	84	"Code page 1129, Generic (SYSTEM_1129)" on page 572	-	OS/2
1258	S-11	1258	84	"Code page 1258, Generic (SYSTEM_1258)" on page 700	-	Windows

Note:

- CCSIDs 1392 and 5488 (GB 18030) can only be used with the load or import utilities to move data from CCSIDs 1392 and 5488 to a DB2 Unicode database, or with the export utility to move data from a DB2 Unicode database to CCSIDs 1392 or 5488.
- On AIX 4.3 or later the code page is 943. If you are using AIX 4.2 or earlier, the code page is 932.
- Code page 1394 (Shift JIS X0213) can only be used with the load or import utilities to move data from code page 1394 to a DB2 Unicode database, or to export from a DB2 Unicode database to code page 1394.
- The following map to English (US):
  - English (Jamaica)
  - English (Caribbean)
  - English (Philippines)
  - English (Singapore)
- Code page 950 is also known as Big5. Microsoft® code page 950 differs from IBM code page 950 in the following ways:

Range	Description	IBM	Microsoft	Difference
X'8140' to X'8DFE'	User defined characters	User defined area	User defined area	Same
X'8E40' to X'A0FE'	User defined characters	User defined area	User defined area	Same
X'A140' to X'A3BF'	Special symbols	System characters	System characters	Same
X'A3C0' to X'A3E0'	Control symbols	System characters	Empty	Different
X'A3E1' to X'A3FE'	Reserved	Empty	Empty	Same
X'A440' to X'C67E'	Primary use characters	System characters	System characters	Same
X'C6A1' to X'C878'	Eten added symbols	System characters	User defined area	Different
X'C879' to X'C8CC'	Eten added symbols	Empty	User defined area	Different
X'C8CD' to X'C8D3'	Eten added symbols	System characters	User defined area	Different
X'C8D4' to X'C8FD'	Reserved	System characters	User defined area	Different
X'C8FE'	Invalid/undefined character	System characters	User defined area	Different
X'C940' to X'F9D5'	Secondary use characters	System characters	System characters	Same
X'F9D6' to X'F9FE'	Eten extension for Big-5	User defined area	System characters	Different
X'FA40' to X'FEFE'	User defined characters	User defined area	User defined area	Same
X'8181' to X'8C82'	User defined characters	User defined area	Empty	Different
X'F286' to X'F9A0'	IBM select characters	System characters	Empty	Different
Total characters		14 060	13 502	
Total user defined characters		6 204	6 217	

Range	Description	IBM	Microsoft	Difference
Total defined code points		20 264	19 719	

6. Code page 1375 can only be used on the client. You cannot create a database with code page 1375. Instead, use a Unicode database to store HKSCS data. DB2 code page conversion tables support HKSCS-2004. You can also migrate a code page 950 database containing HKSCS data to a Unicode database. Since a database with code page 1375 cannot be created, a Unicode database cannot specify the collation SYSTEM\_1375\_HK.



---

## Chapter 3. Locale names for SQL and XQuery

When used in an SQL or XQuery statement, a locale name consists of one or more ordered pieces of information. The Unicode version prefix, language code, script code, country/region code, and variant codes must be separated with the underscore character (\_). Keywords are introduced with the commercial at symbol (@) and multiple keywords are separated by the semicolon character (;).

### CLDR version prefix

The behaviors associated with a locale are defined in the Common Locale Data Repository (CLDR). CLDR is a set of standards for locale data, including the formatting of dates, times, time zones, numbers, and currency values; the sorting of text; the translations for country, language, and territory names; and other variables. For more information about CLDR, see <http://www.unicode.org/cldr>.

As international standards evolve, the behavior associated with a locale may change. Future versions of DB2 may implement newer versions of the CLDR, which might have unexpected effects on applications or database objects. To avoid unexpected changes to locale behavior, the locale name may be prefixed with CLDR 1.5: to force future versions of DB2 to maintain CLDR version 1.5 behavior. If the CLDR version prefix is specified, at least one locale code must also be specified.

DB2 also supports CLDR version 1.2 which can be requested with the CLDR 1.2: prefix. (For compatibility with previous versions of DB2, U400\_ can be used as a prefix instead of CLDR 1.2:).

As international standards evolve, the behavior associated with a locale may change. Future versions of DB2 may implement newer versions of the Unicode standard, which may have unexpected effects on applications or database objects.

**Note:** If the locale is specified as part of a database object (such as an index or constraint), use the CLDR version prefix to avoid unexpected changes in behavior when upgrading to future releases of the DB2 database.

### Language code

The languages are specified using a two- or three-letter lowercase code for a particular language. For example, Spanish is "es", English is "en" and French is "fr". The two-letter language code uses the ISO 639 standard. See the ISO 639-2 Registration Authority web page from the Library of Congress at <http://www.loc.gov/standards/iso639-2/> for more information.

### Script code

The optional four-letter script code follows the language code. If specified, it should be a valid script code as listed on the Unicode ISO 15924 Registry. See the ISO 15924 Alphabetical Code List web page at <http://www.unicode.org/iso15924/iso15924-codes.html> for more information.

### Country/region code

There are often different language conventions within the same language. For example, Spanish is spoken in many countries in Central and South

America but the currencies are different in each country. To allow for these differences among specific geographical, political, or cultural regions, locales are specified by two-letter, uppercase codes. For example, "ES" represents Spain and "MX" represents Mexico. The two letter country/region code uses the ISO 3166 standard. See the ISO 3166 code lists from the International Organization for Standardization at <http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html> for more information.

### Keywords

The final element of a locale is an optional list of keywords together with their values. Keywords must be unique. Their order is not significant. Unknown keywords are ignored. The handling of keywords depends on the specific services that use them. Currently, the following keywords are recognized:

#### calendar

A calendar specifier such as "gregorian", "arabic", "chinese", "civil-arabic", "hebrew", "japanese", or "thai-buddhist".

#### collation

A collation specifier such as "phonebook", "pinyin", "traditional", "stroke", "direct", or "posix".

#### currency

Any standard three-letter currency code, such as "USD" or "JPY".

## Examples

*Table 63. Locale name examples*

Locale name	Language	Script	Country/ region	Keywords	Definition
en_US	en		US		English, United States of America
CLDR 1.5:en	en				English, fixed to CLDR version 1.5 behavior
en_IE@currency=IEP	en		IE	currency= IEP	English, Ireland with Irish Pound
eo	eo				Esperanto
fr@collation=phonebook;calendar=islamic-civil	fr			collation=phonebook calendar=islamic-civil	French (Calendar=Islamic-Civil Calendar, Collation=Phonebook Order)
sr_Latn_YU@currency=USD	sr	Latn	YU	currency=USD	Serbian (Latin, Yugoslavia, Currency=US Dollar)

---

## Chapter 4. Derivation of code page values

The *application code page* is derived from the active environment when the database connection is made. If the DB2CODEPAGE registry variable is set, its value is taken as the application code page. However, it is not necessary to set the DB2CODEPAGE registry variable because DB2 will determine the appropriate code page value from the operating system. Setting the DB2CODEPAGE registry variable to incorrect values can cause unpredictable results.

When you create a database, you can explicitly specify the *database code page*. If you do not specify the database code page, the database will use Unicode by default.

The following defines how the *active environment* is determined in different operating environments:

### Linux and UNIX® operating systems

On Linux and UNIX operating systems, the active environment is determined from the locale setting, which includes information about language, territory and code set.

### Windows operating systems

For all Windows operating systems, if the DB2CODEPAGE environment variable is not set, the code page is derived from the ANSI code page setting in the Regional Options menu in the Control Panel.

Normally, Windows will not report a Unicode code page in place of the aforementioned ANSI code page. Therefore, a Windows application will typically not behave as a Unicode client. To override this behavior, the DB2CODEPAGE variable can be set to a Unicode code page (1208), which will force the application to behave as a Unicode client.

The *section code page* is derived from the tables used in an SQL statement. If the tables are implicitly or explicitly defined with CCSID ASCII, then the section code page is the same as the database code page. If the tables are defined with CCSID UNICODE, then the section code page is the Unicode code page.

### Active code page for precompilation and binding

At precompile/bind time, the precompiler is the executing application. The active code page when the database connection was made before the precompile request is used for precompiled statements, and any character data returned in the SQLCA.

### Active code page for application execution

At execution time, the active code page of the user application when a database connection is made is in effect for the duration of the connection. All data is interpreted based on this code page; this includes dynamic SQL statements, user input data, user output data, and character fields in the SQLCA.



---

## Chapter 5. Linux and UNIX distributions and code pages

Newer versions of Linux distributions and UNIX operating systems (such as AIX) are starting to use Unicode (UTF-8) as the default code page for many of their locales.

If the operating system is upgraded on a system and the upgrade includes this change in the default code page, then:

- Applications that used to run may fail because the default active code page is modified.
- Any new database created after the operating system upgrade is created using the Unicode code page unless a code page is explicitly specified when creating a new database. All existing databases retain their original code page settings; that is, the setting established during database creation.

To determine the active code page the system is running on Linux, run:

```
locale
```

Not all of the information displayed from running this command is important or relevant, however the DB2 database manager uses the following items in the order presented to determine the active code page:

- LC\_ALL
- LC\_CTYPE
- LANG

To determine which code page a database is using, run:

```
db2 get db cfg for <database name>
```

and check the value for the **Database code page** parameter.

---

## How DB2 derives locales

### Linux and UNIX

On Linux and UNIX systems, the active locale used by DB2 is determined from the LC\_CTYPE portion of the locale. For details, see the multicultural support documentation for your operating system.

- If LC\_CTYPE of the program locale has a value other than C, DB2 will use this value to determine the application code page by mapping it to its corresponding code page.
- If LC\_CTYPE has a value of C (the C locale), DB2 will set the program locale according to the environment locale, using the `setlocale()` function.
- If LC\_CTYPE still has a value of C, DB2 will assume the default of the US English environment, and code page 819 (ISO 8859-1).
- If LC\_CTYPE no longer has a value of C, its new value will be used to map to a corresponding code page.

## **Windows**

On Windows systems, the active locale used by DB2 is determined by the regional and language options, specified using the **Control Panel**. The dialog for these options depends on the version of the Windows operating system. For example, this dialog is called **Regional Options** on a Windows 2000 system and **Regional and Language Options** on a Windows XP system. For details, see the multicultural support documentation for your operating system.

---

## **Part 2. Collation**



---

## Chapter 6. Collating sequences

The database manager compares character data using a *collating sequence*. This is an ordering for a set of characters that determines whether a particular character sorts higher, lower, or the same as another.

The Unicode Collation Algorithm (UCA) uses weight tables to determine the collating sequence.

**Note:** Character string data defined with the FOR BIT DATA attribute, and BLOB data, is sorted using the binary sort sequence.

For example, a collating sequence can be used to indicate that lowercase and uppercase versions of a particular character are to be sorted equally.

The database manager allows databases to be created with custom collating sequences. The following sections help you determine and implement a particular collating sequence for a database.

Each single-byte character in a database is represented internally as a unique number between 0 and 255 (in hexadecimal notation, between X'00' and X'FF'). This number is referred to as the *code point* of the character; the assignment of numbers to characters in a set is collectively called a *code page*. A collating sequence is a mapping between the code point and the desired position of each character in a sorted sequence. The numeric value of the position is called the *weight* of the character in the collating sequence. In the simplest collating sequence, the weights are identical to the code points. This is called the *identity sequence*.

For example, suppose the characters B and b have the code points X'42' and X'62', respectively. If (according to the collating sequence table) they both have a sort weight of X'42' (B), they collate the same. If the sort weight for B is X'9E', and the sort weight for b is X'9D', b will be sorted before B. The collating sequence table specifies the weight of each character. The table is different from a code page, which specifies the code point of each character.

Consider the following example. The ASCII characters A through Z are represented by X'41' through X'5A'. To describe a collating sequence in which these characters are sorted consecutively (no intervening characters), you can write: X'41', X'42', ... X'59', X'5A'.

The hexadecimal value of a multibyte character is also used as the weight. For example, suppose the code points for the double-byte characters A and B are X'8260' and X'8261' respectively, then the collation weights for X'82', X'60', and X'61' are used to sort these two characters according to their code points.

The weights in a collating sequence need not be unique. For example, you could give uppercase letters and their lowercase equivalents the same weight.

Specifying a collating sequence can be simplified if the collating sequence provides weights for all 256 code points. The weight of each character can be determined using the code point of the character.

In all cases, the DB2 database uses the collation table that was specified at database creation time. If you want the multibyte characters to be sorted the way that they appear in their code point table, you must specify IDENTITY as the collating sequence when you create the database.

Once a collating sequence is defined, all future character comparisons for that database will be performed with that collating sequence. Except for character data defined as FOR BIT DATA or BLOB data, the collating sequence will be used for all SQL comparisons and ORDER BY clauses, and also in setting up indexes and statistics.

Potential problems can occur in the following cases:

- An application merges sorted data from a database with application data that was sorted using a different collating sequence.
- An application merges sorted data from one database with sorted data from another, but the databases have different collating sequences.
- An application makes assumptions about sorted data that are not true for the relevant collating sequence. For example, numbers collating lower than alphabetics might or might not be true for a particular collating sequence.

A final point to remember is that the results of any sort based on a direct comparison of character code points will only match query results that are ordered using an identity collating sequence.

In a Unicode database, graphic data is sorted using the database collation mechanism. In a non-Unicode database with SYSTEM collation, the graphic data is collated based on the weight of each byte.

---

## Character comparisons based on collating sequences

Once a collating sequence is established for a database with SYSTEM, NLSCHAR, COMPATIBILITY, or user defined collation option, character comparison is performed by comparing the weights of two characters, instead of directly comparing their code point values.

If weights that are not unique are used, characters that are not identical might compare equally. Because of this, string comparison can become a two-phase process:

1. Compare the characters in each string based on their weights.
2. If step 1 yields equality, compare the characters of each string based on their code point values.

If the collating sequence contains 256 unique weights, only the first step is performed. If the collating sequence is the identity sequence, only the second step is performed. In either case, there is a performance benefit. For Unicode databases, if the collation option is SYSTEM or IDENTITY, the collating sequence will be IDENTITY and only the second step is performed.

A Unicode database with the IDENTITY\_16BIT collation option will collate the CHAR or VARCHAR data in the database according to their CESU-8 binary order instead of the UTF-8 binary order. The collation order is identical for non-supplementary characters. However, a supplementary character in UTF-8 encoding, is represented by one 4-byte sequence, but the same character in CESU-8 encoding requires two 3-byte sequences, which results in different collation orders.

For Unicode databases with locale-sensitive UCA-based collations, semantically equal characters are considered equal, even if these characters are not binarily identical. Because of this, string comparison can become a two-phase process:

1. Compare the characters in each string as per the algorithm specified in the *Unicode Technical Standard #10*, available at the Unicode Technical Consortium web site (<http://www.unicode.org/>).
2. If step 1 yields equality, compare the characters of each string based on their code point values.



---

## Chapter 7. Choosing a collation for a Unicode database

The collation of a database determines how string values are compared and ordered. DB2 provides three different types of collations for a Unicode database: IDENTITY collation, language-aware collation, and locale-sensitive UCA-based collation.

The collation you choose can significantly impact the performance of queries in the database. Collation also impacts how substring matching is done, which affects the behavior of SQL functions such as LIKE, POSITION, and REPLACE, and XQuery functions such as fn:substring-before and fn:starts-with.

If you want the quickest possible performance, then choose IDENTITY collation. However, note that this collation is not culturally correct.

If you want the most accurate, culturally expected treatment of characters, based on the Unicode Collation Algorithm, then choose locale-sensitive UCA-based collation. However, be aware that it has significant performance overhead.

If you want a collation identical to a non-Unicode database collation (for example, for a migration from a non-Unicode database to a Unicode database) then choose a language-aware collation, which is based on code points in a weight table. However, the language-aware collation only covers the first 256 code points in the weight table, while the other code points are sorted in binary order. In addition, these collations cannot handle different representations of a character.

---

### IDENTITY collation

The IDENTITY collation is a simple binary comparison of the values.

Strings are ordered by the computer's internal representation of the data. This produces a result that is not meaningful in any language.

Substring matching is also done using the internal representation of the string. This means that two substrings will only be considered a match if they are byte-for-byte identical. Linguistic and cultural rules will not be considered.

#### Advantages

- Fastest collation available.

#### Disadvantages

- The order is not linguistic.
- Substring matching is not linguistic.
- Character and graphic types are ordered differently.

IDENTITY collation is suitable when linguistic correctness is not important for the database and applications, or when the absolute best performance is vital.

### Example

To demonstrate the behavior of this collation, the following list of Czech words is used.

- chleb<sup>1</sup>
- Čech
- Cőech<sup>2</sup>
- Jana
- hlava
- Jaroslav
- holub
- cena
- jaro
- čas
- cőas<sup>3</sup>

The database with IDENTITY collation was created using the following command:  
 CREATE DATABASE TESTDB COLLATE USING IDENTITY.

Sorting:

```
SELECT WORD FROM TESTDATA ORDER BY WORD
```

WORD

---

```
Cőech
Jana
Jaroslav
cena
chleb
cőas
hlava
holub
jaro
Čech
čas
```

In the results of the ORDER BY command, notice:

- Upper and lower case letters are not grouped together.
- Accented characters are grouped separately from unaccented characters.
- Characters with combining accents are grouped with the unaccented characters.
- The word *chleb* is incorrectly grouped with words starting with *c*.

---

1. In Czech, the digraph *ch* is sorted separately from the letter *c* and is ordered between the letters *h* and *i*.

2. In Unicode, the accented character Č can be entered as a single Unicode code point, U+010C (Latin capital letter C with caron) or as two code points, U+0043 U+030C (Latin capital letter C, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010C will be drawn as Č and U+0043 U+030C will be drawn as CŐ. To demonstrate combining accents, both forms are included in the word list.

3. In Unicode, the accented character č can be entered as a single Unicode code point, U+010D (Latin small letter c with caron) or as two code points, U+0063 U+030C (Latin small letter c, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010D will be drawn as č and U+0063 U+030C will be drawn as cŐ. To demonstrate combining accents, both forms are included in the word list.

Substring matching:

```
SELECT WORD FROM TESTDATA WHERE WORD LIKE 'c%'
```

```
WORD
-----

```

```
cena
chleb
c  as
```

In the results of the LIKE command, notice:

- The word *c  as* is selected, even though it starts with the character *  * and not the character *c*.
- The word *chleb* is selected, even though the digraph *ch* does not linguistically match the letter *c*.

---

## Language-aware collation

Language-aware collations are based on the weight tables that the DB2 database uses for non-Unicode databases. The weight table is translated to Unicode and applied to Unicode data.

Strings are ordered by providing a single weight for each character from a subset of the Unicode characters. The weight tables are derived from the DB2 databases's non-Unicode collation tables. Characters which are not in the weight table are sorted in binary order. As a result, words are sorted in a manner that comes close to linguistic correctness.

Substring matching is done using the internal representation of the string. This means that two substrings will only be considered a match if they are byte-for-byte identical and linguistic rules will not be considered.

For more information about character weights used in language-aware collations, see Appendix A, "System and language-aware collation tables," on page 173.

### Advantages

- Provides a language based ordering for the code points in the weight table.
- Very fast collation (comparable to non-Unicode and IDENTITY collations).
- Same order for character and graphic types.
- Collation doesn't change for a migration from a non-Unicode database to a Unicode database.

### Disadvantages

- Only covers 256 code points in the weight table. Other code points are sorted in binary order.
- The original non-Unicode weight tables did not handle MBCS characters properly. When the tables were moved to Unicode, only the SBCS portion of each table was used.
- These collations do not handle combining accents.
- Substring matching is not linguistic.

Language-aware collations are suitable when a reasonable ordering is needed, but the overhead of a locale-sensitive UCA-based collation is not acceptable.

## Example

To demonstrate the behavior of this collation, the following list of Czech words is used.

- chleb<sup>4</sup>
- Čech
- CČech<sup>5</sup>
- Jana
- hlava
- Jaroslav
- holub
- cena
- jaro
- čas
- cčas<sup>6</sup>

The database with the language-aware collation was created using the following command: **CREATE DATABASE TESTDB COLLATE USING SYSTEM\_912\_CZ**.

Sorting:

```
SELECT WORD FROM TESTDATA ORDER BY WORD
```

```
WORD
-----
```

```
cena
chleb
cčas
CČech
čas
Čech
hlava
holub
jaro
Jana
Jaroslav
```

---

4. In Czech, the digraph *ch* is sorted separately from the letter *c* and is ordered between the letters *h* and *i*.

5. In Unicode, the accented character Č can be entered as a single Unicode code point, U+010C (Latin capital letter C with caron) or as two code points, U+0043 U+030C (Latin capital letter C, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010C will be drawn as Č and U+0043 U+030C will be drawn as CČ. To demonstrate combining accents, both forms are included in the word list.

6. In Unicode, the accented character č can be entered as a single Unicode code point, U+010D (Latin small letter c with caron) or as two code points, U+0063 U+030C (Latin small letter c, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010D will be drawn as č and U+0063 U+030C will be drawn as cč. To demonstrate combining accents, both forms are included in the word list.

In the results of the ORDER BY command, notice:

- Upper case, lower case, and accented letters are grouped together.
- Characters with combining accents are grouped with the unaccented characters.
- Case and accent differences are treated as significant. For example, *Jana* is ordered between *jaro* and *Jaroslav*.
- The word *chleb* is incorrectly grouped with words starting with the letter *c*.

Substring matching:

```
SELECT WORD FROM TESTDATA WHERE WORD LIKE 'c%'
```

WORD

```
-----  
cena  
chleb  
c  as
```

In the results of the LIKE command, notice:

- The word *c  as* is selected, even though it does not start with *c*. It starts with the character *  *.
- The word *chleb* is selected, even though the digraph *ch* does not linguistically match the letter *c*.

---

## Locale-sensitive UCA-based collation

Locale-sensitive collations are based on the full Unicode Collation Algorithm (UCA) specification and provide full cultural correctness.

Strings are ordered according to the Unicode Collation Algorithm. The collation can be tailored to account for features such as language or case and accent insensitivity. For more information about UCA, see Chapter 8, “Unicode Collation Algorithm based collations,” on page 63.

This algorithm uses multiple weights per character as well as extra processing to handle special cases such as contractions and combining accents. The complexity of the algorithm adds significant processing overhead.

Substring matching is done using the collation. Substrings are matched in a linguistically meaningful manner.

### Advantages

- Full support of the UCA, including contractions and combining accents.
- Provides support for case and accent insensitive collations.
- Handles all Unicode code points.
- Allows collations to be tailored to suit different languages.
- Same order for character and graphic types.
- Substring matching is done using the collation.

### Disadvantages

- Substantial performance overhead.

Locale-sensitive UCA-based collations are suitable when fully linguistic ordering is needed and the performance overhead can be tolerated.

## Example

To demonstrate the behavior of this collation, the following list of Czech words is used.

- chleb<sup>7</sup>
- Čech
- Cěch<sup>8</sup>
- Jana
- hlava
- Jaroslav
- holub
- cena
- jaro
- čas
- cěas<sup>9</sup>

The database with the locale-sensitive collation was created using the following command: **CREATE DATABASE TESTDB COLLATE USING UCA500R1\_LCS**.

Sorting:

```
SELECT WORD FROM TESTDATA ORDER BY WORD
```

WORD

```
-----  
cena  
čas  
cěas  
Čech  
Cěch  
hlava  
holub  
chleb  
Jana  
jaro  
Jaroslav
```

In the results of the ORDER BY command, notice:

- The result is linguistically correct.
- Case and accent differences are treated as less significant than the base character.

---

7. In Czech, the digraph *ch* is sorted separately from the letter *c* and is ordered between the letters *h* and *i*.

8. In Unicode, the accented character Č can be entered as a single Unicode code point, U+010C (Latin capital letter C with caron) or as two code points, U+0043 U+030C (Latin capital letter C, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010C will be drawn as Č and U+0043 U+030C will be drawn as CČ. To demonstrate combining accents, both forms are included in the word list.

9. In Unicode, the accented character č can be entered as a single Unicode code point, U+010D (Latin small letter c with caron) or as two code points, U+0063 U+030C (Latin small letter c, combining caron). The two representations appear the same on a computer screen or a printout, but they have different internal representations. For the purposes of the examples, however, the characters will be drawn differently; U+010D will be drawn as č and U+0063 U+030C will be drawn as cč. To demonstrate combining accents, both forms are included in the word list.

- Combining accents are equal to the equivalent accented character.
- The word *chleb* is correctly ordered after the word *holub*.
- 

Substring matching:

```
SELECT WORD FROM TESTDATA WHERE WORD LIKE 'c%'
```

WORD
-----
cena

In the results of the LIKE command, notice:

- Neither *cōas* nor *chleb* are selected, since linguistically they do not start with the letter *c*.



---

## Chapter 8. Unicode Collation Algorithm based collations

The CREATE DATABASE command and the COLLATION\_KEY\_BIT scalar function support a new collation keyword, UCA500R1, which implements the UCA (Unicode Collation Algorithm) based on the Unicode Standard version 5.0.0.

The default Unicode Collation Algorithm is implemented by the UCA500R1 keyword without any attributes. Since the default UCA cannot simultaneously encompass the collating sequence of every language supported by Unicode, optional attributes can be specified to customize the UCA ordering. The attributes are separated by the underscore (\_) character. The UCA500R1 keyword and any attributes form a UCA collation name.

The following table describes the collation attributes, their values, and typical usage examples.

Table 64. UCA500R1 attributes

Attribute name	Attribute short form	Valid values	Description
Locale: 1. Language 2. Region 3. Script 4. Keyword	Locale: 1. L[ISO 639-1 language code] 2. R[ISO 3166 country/region code] 3. Z[ISO 15924 script code] 4. K[name]	See Table 65 on page 68 for a list of all the valid Locale names.	<p>The Locale attribute is probably the most important attribute to obtain ordering that conforms to the user expectations in different countries and regions. You need to explicitly specify the Locale attribute to properly collate text for a specific language.</p> <p>The Locale attribute consists of the following parts: language, region/country, script, and keyword. Not all the parts are mandatory. See Table 65 on page 68 for a complete list of the valid combinations. The specification of a locale automatically presets all the other collation attributes to values that are suitable for that locale. Typically there is no need to specify additional collation attribute.</p> <p>Examples:</p> <ul style="list-style-type: none"><li>• UCA500R1 or UCA500R1_LROOT for the default UCA ordering</li><li>• UCA500R1_LDE for German, where "Köpfe" &lt; "Kypper"</li><li>• UCA500R1_LSV for Swedish, where "Köpfe" &gt; "Kypper"</li><li>• UCA500R1_LDE_KPHONEBOOK, which specifies the German telephone ordering</li></ul>

Table 64. UCA500R1 attributes (continued)

Attribute name	Attribute short form	Valid values	Description
Strength	S	1, 2, 3, 4, or I	<p>The Strength attribute determines whether accent or case is taken into account when collating or comparing text strings. In writing systems without case or accent, the Strength attribute controls similarly important features.</p> <p>The possible values are: primary (1), secondary (2), tertiary (3), quaternary (4), and identity (I). To ignore:</p> <ul style="list-style-type: none"> <li>• accent and case, use the primary strength level</li> <li>• case only, use the secondary strength level</li> <li>• neither accent nor case, use the tertiary strength level</li> </ul> <p>Almost all characters can be distinguished by the first three strength levels, therefore in most locales the default Strength attribute is set at the tertiary level. However if the Alternate attribute (described below) is set to shifted, then the quaternary strength level can be used to break ties among white space characters, punctuation marks, and symbols that would otherwise be ignored. The identity strength level is used to distinguish among similar characters, such as the MATHEMATICAL BOLD SMALL A character (U+1D41A) and the MATHEMATICAL ITALIC SMALL A character (U+1D44E).</p> <p>Setting the Strength attribute to higher level will slow down text string comparisons and increase the length of the sort keys.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_S1 will collate "role" = "Role" = "rôle"</li> <li>• UCA500R1_S2 will collate "role" = "Role" &lt; "rôle"</li> <li>• UCA500R1_S3 will collate "role" &lt; "Role" &lt; "rôle"</li> </ul>
Case Level	E	<ul style="list-style-type: none"> <li>• X (Off)</li> <li>• O (On)</li> </ul>	<p>Setting the Case Level attribute to on and the Strength attribute to primary level will ignore accent but not case. The Case Level attribute is set to X by default in most locales. When this attributes is set to O, it will slightly affect text string comparisons performance and lengthen the sort keys.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_EX_S1 will collate "role" = "Role" = "rôle"</li> <li>• UCA500R1_EO_S1 will collate "role" = "rôle" &lt; "Role"</li> </ul>

Table 64. UCA500R1 attributes (continued)

Attribute name	Attribute short form	Valid values	Description
Case First	C	X, L, or U	<p>The Case First attribute controls whether upper case characters collate before or after lower case characters, in the absence of other differences in the two text strings.</p> <p>The possible values are upper case first (U), lower case first (L), and off (X). There is almost no difference between the lower case first setting and the off setting, therefore typically there is no need to use the lower case first setting.</p> <p>Specifying a Case First attribute of U or L can increase the length of the sort keys.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_CX or UCA500R1_CL will collate "china" &lt; "China" &lt; "denmark" &lt; "Denmark"</li> <li>• UCA500R1 CU will collate "China" &lt; "china" &lt; "Denmark" &lt; "denmark"</li> </ul>
Alternate	A	N or S	<p>The Alternate attribute controls the handling of variable characters in the UCA: white space, punctuation marks, and symbols.</p> <p>If the Alternate attribute is set to non-ignorable (N), then differences among these variable characters are of the same importance as differences among non-variable characters such as the English alphabet. If the Alternate attribute is set to shifted (S), then these variable characters are of only minor importance. If the Alternate attribute is set to shifted and the Strength attribute is set to the quaternary level, then variable characters are considered in a comparison when all other aspects of the strings — base letters, accents, and case — are identical.</p> <p>The default for most locales is non-ignorable.</p> <p>If shifted is selected, performance will be slower if there are many strings that are identical except for punctuation marks. Sort key length will not be affected unless the strength level is also increased.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_AN_S3 will collate "di Silva" &lt; "Di Silva" &lt; "diSilva" &lt; "U.S.A." &lt; "USA"</li> <li>• UCA500R1_AS_S3 will collate "di Silva" = "diSilva" &lt; "Di Silva" &lt; "U.S.A." = "USA"</li> <li>• UCA500R1_AS_S4 will collate "di Silva" &lt; "diSilva" &lt; "Di Silva" &lt; "U.S.A." &lt; "USA"</li> </ul>

*Table 64. UCA500R1 attributes (continued)*

Attribute name	Attribute short form	Valid values	Description
Variable Top	T	[4 or 8 UTF-16BE hexadecimal digits]	<p>The Variable Top attribute controls which characters to ignore, and is only meaningful if the Alternate attribute is set to Shifted. All characters whose primary weight is equal or lower than the specified character are considered ignorable.</p> <p>The character is specified as one or two UTF-16BE code units in hexadecimal notation. A Unicode supplementary character is specified using a surrogate pair. For example, if you want to ignore white space characters and not visible characters, then set the Alternate attribute to Shifted and this attribute to U+0020 (space) or U+3000 (ideographic space). Since all characters having the same primary weight are equivalent, so setting this attribute to U+0020 is equivalent to setting it to U+3000.</p> <p>This attribute alone has little impact on text string comparison performance, but setting it higher makes sort keys longer.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• UCA500R1_AS_S3 will collate "di Silva" = "diSilva" &lt; "U.S.A." = "USA"</li> <li>• UCA500R1_AS_S3_T0020 will collate "di Silva" = "diSilva" &lt; "U.S.A." = "USA"</li> </ul>

Table 64. UCA500R1 attributes (continued)

Attribute name	Attribute short form	Valid values	Description
Normalization Checking	N	<ul style="list-style-type: none"> <li>• X (Off)</li> <li>• O (On)</li> </ul>	<p>The Normalization Checking attribute, if set to O, will normalize the input text if necessary. Even if this attribute is set to X, as is the default for many locales, text as represented in common usage will collate correctly. You should, however, set this attribute to O in two cases:</p> <ul style="list-style-type: none"> <li>• if the text contains accent marks in non-canonical order</li> <li>• if the text is in a script that uses multiple combining characters, such as Arabic, ancient Greek, Hebrew, Hindi, Thai, or Vietnamese</li> </ul> <p>There is a medium string comparison performance cost if this attribute is set to on, depending on the frequency of sequences that require normalization. There is no significant effect on length of the sort keys. If the text is already in normalized form NFD or NFKD, then you can set this attribute off to improve performance.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_NX will collate  <math>\ddot{a} = a + \ddot{o} &lt; \ddot{a} + \dot{o} &lt; a + \ddot{o}</math></li> <li>• UCA500R1_NO will collate  <math>\ddot{a} = a + \ddot{o} &lt; \ddot{a} + \dot{o} = a + \ddot{o}</math></li> </ul>
French	F	<ul style="list-style-type: none"> <li>• X (Off)</li> <li>• O (On)</li> </ul>	<p>The French sorts strings by examining the accents starting from the end of the string. This attribute is automatically set to on for the French locales, and has a minor performance cost for text string comparisons, but no change in the length of the sort keys.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_LFR_FX will collate "cote" &lt; "coté" &lt; "côte" &lt; "côté"</li> <li>• UCA500R1_LFR will collate "cote" &lt; "côte" &lt; "coté" &lt; "côté"</li> </ul>

Table 64. UCA500R1 attributes (continued)

Attribute name	Attribute short form	Valid values	Description
Hiragana	H	<ul style="list-style-type: none"> <li>• X (Off)</li> <li>• O (On)</li> </ul>	<p>The Hiragana attribute determines whether to distinguish between Japanese Hiragana and Katakana characters. To conform with the Japanese JIS X 4061 standard, you need to set this attribute to O and the Strength attribute to the quaternary level. This will, however, slow down text string comparisons and increase the length of the sort keys.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• UCA500R1_LJA_HX_S4 will collate きゅう = キュウ &lt; きゅう = キュウ</li> <li>• UCA500R1_LJA_HO_S4 will collate きゅう &lt; キュウ &lt; きゅう &lt; キュウ</li> </ul>

Valid locale names for the collations are shown in Table 65. The Default collation attributes column shows the full name of the UCA500R1 collation for the specific locale. For example, UCA500R1\_LAR is equivalent to UCA500R1\_LAR\_AN\_CX\_EX\_FX\_HX\_NX\_S3.

All the UCA500R1 collations conform to version 1.5.1 of the Common Locale Data Repository (CLDR), as published by the Unicode Consortium at <http://www.unicode.org/cldr>.

**Tip:** If a locale name is not listed below, try the LROOT locale instead. While the LROOT locale does not always yield the correct collation for all unlisted locales, it may result in the expected order for some locales.

Table 65. Valid collation locale names

Locale name	Language (Region)	Default collation attributes	Remarks
LAR	Arabic	UCA500R1_LAR_AN_CX_EX_FX_HX_NX_S3	
LAS	Assamese	UCA500R1_LAS_AN_CX_EX_FX_HX_NO_S3	
LBE	Belarusian	UCA500R1_LBE_AN_CX_EX_FX_HX_NX_S3	
LBG	Bulgarian	UCA500R1_LBG_AN_CX_EX_FX_HX_NX_S3	
LCA	Catalan	UCA500R1_LCA_AN_CX_EX_FO_HX_NX_S3	
LCS	Czech	UCA500R1_LCS_AN_CX_EX_FX_HX_NX_S3	
LDA	Danish	UCA500R1_LDA_AN_CU_EX_FX_HX_NX_S3	
LDE	German	UCA500R1_LDE_AN_CX_EX_FX_HX_NX_S3	
LDE_KPHONEBOOK	German	UCA500R1_LDE_KPHONEBOOK_AN_CX_EX_FX_HX_NX_S3	
LEL	Greek	UCA500R1_LEL_AN_CX_EX_FX_HX_NO_S3	
LEN	English	UCA500R1_LEN_AN_CX_EX_FX_HX_NX_S3	
LEN_RBE	English (Belgium)	UCA500R1_LEN_RBE_AN_CX_EX_FO_HX_NX_S3	
LEO	Esperanto	UCA500R1_LEO_AN_CX_EX_FX_HX_NX_S3	
LES	Spanish	UCA500R1_LES_AN_CX_EX_FX_HX_NX_S3	
LES_KTRADITIONAL	Spanish	UCA500R1_LES_KTRADITIONAL_AN_CX_EX_FX_HX_NX_S3	
LET	Estonian	UCA500R1 LET_AN_CX_EX_FX_HX_NX_S3	
LFA	Persian	UCA500R1_LFA_AN_CX_EX_FX_HX_NO_S3	
LFA_RAF	Persian (Afghanistan)	UCA500R1_LFA_RAF_AN_CX_EX_FX_HX_NO_S3	
LFI	Finnish	UCA500R1_LFI_AN_CX_EX_FX_HX_NX_S3	
LFO	Faroese	UCA500R1_LFO_AN_CX_EX_FX_HX_NX_S3	
LFR	French	UCA500R1_LFR_AN_CX_EX_FO_HX_NX_S3	
LGU	Gujarati	UCA500R1_LGU_AN_CX_EX_FX_HX_NO_S3	

*Table 65. Valid collation locale names (continued)*

Locale name	Language (Region)	Default collation attributes	Remarks
LHAW	Hawaiian	UCA500R1_LHAW_AN_CX_EX_FX_HX_NX_S3	
LHE	Hebrew	UCA500R1_LHE_AN_CX_EX_FX_HX_NO_S3	
LHI	Hindi	UCA500R1_LHI_AN_CX_EX_FX_HX_NO_S3	
LHI_KDIRECT	Hindi	UCA500R1_LHI_KDIRECT_AN_CX_EX_FX_HX_NX_S3	
LHR	Croatian	UCA500R1_LHR_AN_CX_EX_FX_HX_NX_S3	
LHU	Hungarian	UCA500R1_LHU_AN_CX_EX_FX_HX_NX_S3	
LIS	Icelandic	UCA500R1_LIS_AN_CX_EX_FX_HX_NX_S3	
LIT	Italian	UCA500R1_LIT_AN_CX_EX_FX_HX_NX_S3	
LJA	Japanese	UCA500R1_LJA_AN_CX_EX_FX_HO_NX_S3	Treat Hiragana as equal to their Katakana equivalents. To sort Hiragana before Katakana, set the strength level to 4.
LJA_KUNIHAN	Japanese	UCA500R1_LJA_KUNIHAN_AN_CX_EX_FX_HX_NX_S3	
LKK	Kazakh	UCA500R1_LKK_AN_CX_EX_FX_HX_NO_S3	
LKL	Kalaallisut	UCA500R1_LKL_AN_CX_EX_FX_HX_NX_S3	
LKM	Khmer	UCA500R1_LKM_AN_CX_EX_FX_HX_NO_S3	
LKN	Kannada	UCA500R1_LKN_AN_CX_EX_FX_HX_NO_S3	
LKO	Korean	UCA500R1_LKO_AN_CX_EX_FX_HX_NX_S3	
LKO_KUNIHAN	Korean	UCA500R1_LKO_KUNIHAN_AN_CX_EX_FX_HX_NX_S3	
LLT	Lithuanian	UCA500R1_LLT_AN_CX_EX_FX_HX_NX_S3	
LLV	Latvian	UCA500R1_LLV_AN_CX_EX_FX_HX_NX_S3	
LMK	Macedonian	UCA500R1_LMK_AN_CX_EX_FX_HX_NX_S3	
LML	Malayalam	UCA500R1_LML_AN_CX_EX_FX_HX_NO_S3	
LMR	Marathi	UCA500R1_LMR_AN_CX_EX_FX_HX_NO_S3	
LMT	Maltese	UCA500R1_LMT_AN CU_EX_FX_HX_NX_S3	
LNB	Norwegian Bokmål	UCA500R1_LNB_AN_CX_EX_FX_HX_NX_S3	
LNN	Norwegian Nynorsk	UCA500R1_LNN_AN_CX_EX_FX_HX_NX_S3	
LOM	Oromo	UCA500R1_LOM_AN_CX_EX_FX_HX_NX_S3	
LOR	Oriya	UCA500R1_LOR_AN_CX_EX_FX_HX_NO_S3	
LPA	Punjabi	UCA500R1_LPA_AN_CX_EX_FX_HX_NO_S3	
LPL	Polish	UCA500R1_LPL_AN_CX_EX_FX_HX_NX_S3	
LPS	Pashto	UCA500R1_LPS_AN_CX_EX_FX_HX_NO_S3	
LRO	Romanian	UCA500R1_LRO_AN_CX_EX_FX_HX_NX_S3	
LROOT	Root	UCA500R1_LROOT_AN_CX_EX_FX_HX_NX_S3	Default UCA
LRU	Russian	UCA500R1_LRU_AN_CX_EX_FX_HX_NX_S3	
LSK	Slovak	UCA500R1_LSK_AN_CX_EX_FX_HX_NX_S3	
LSL	Slovenian	UCA500R1_LSL_AN_CX_EX_FX_HX_NX_S3	
LSQ	Albanian	UCA500R1_LSQ_AN_CX_EX_FX_HX_NX_S3	
LSR	Serbian	UCA500R1_LSR_AN_CX_EX_FX_HX_NX_S3	
LSR_ZLATN	Serbian	UCA500R1_LSR_ZLATN_AN_CX_EX_FX_HX_NX_S3	
LSV	Swedish	UCA500R1_LSV_AN_CX_EX_FX_HX_NX_S3	
LTA	Tamil	UCA500R1_LTA_AN_CX_EX_FX_HX_NO_S3	
LTE	Telugu	UCA500R1_LTE_AN_CX_EX_FX_HX_NO_S3	
LTH	Thai	UCA500R1_LTH_AN_CX_EX_FX_HX_NO_S3	
LTR	Turkish	UCA500R1_LTR_AN_CX_EX_FX_HX_NX_S3	
LUK	Ukrainian	UCA500R1_LUK_AN_CX_EX_FX_HX_NX_S3	
LVI	Vietnamese	UCA500R1_LVI_AN_CX_EX_FX_HX_NO_S3	
LZH	Chinese	UCA500R1_LZH_AN_CX_EX_FX_HX_NX_S3	Pinyin ordering
LZH_KUNIHAN	Chinese	UCA500R1_LZH_KUNIHAN_AN_CX_EX_FX_HX_NX_S3	Default UCA ordering
LZH_KBIG5HAN	Chinese	UCA500R1_LZH_KBIG5HAN_AN_CX_EX_FX_HX_NX_S3	Big5 ordering
LZH_KGB2312HAN	Chinese	UCA500R1_LZH_KGB2312HAN_AN_CX_EX_FX_HX_NX_S3	GB2312 ordering
LZH_KSTROKE	Chinese	UCA500R1_LZH_KSTROKE_AN_CX_EX_FX_HX_NX_S3	Stroke ordering

The UCA400\_NO, UCA400\_LSK, and UCA400\_LTH collations from DB2 database versions earlier than Version 9.5 are still supported when creating databases. However, these collations are not supported in the COLLATION\_KEY\_BIT function.

The UCA400R1 collations from DB2 database versions earlier than Version 9.5 Fix Pack 1 are still supported in the COLLATION\_KEY\_BIT function. However these collations are not supported when creating databases.

In Unicode, most accented characters can be represented in multiple ways. For example, the character Ö can be represented as one code point, X'00D6' (Latin capital letter O with diaeresis) or as two code points, X'004F' X'0308' (Latin capital letter O followed by combining diaeresis). The collations UCA400\_NO, UCA400\_LSK, and UCA400\_LTH always distinguish between different representations of a character.

For example, consider the ordering of O and the two different representations of Ö:

- In UCA400\_NO, 'O' < X'004F' X'0308' < X'00D6'.
- In UCA500R1\_NO, 'O' < X'004F' X'0308' = X'00D6'.

Details of the Unicode Collation Algorithm can be found in the Unicode Technical Standard #10, available at the Unicode Consortium web site at <http://www.unicode.org>.

---

## Collating Thai characters

Thai contains special vowels ("leading vowels"), tonal marks and other special characters that are not sorted sequentially.

You must either create your database with a Thai locale and code set, or create a Unicode database.

- To create a database using Thai and the corresponding code set, use the COLLATE USING NLSCHAR clause of the CREATE DATABASE command.
- To create a Unicode database, use the COLLATE USING UCA400R1\_LTH clause of the CREATE DATABASE command.

---

## Thai and Unicode collation algorithm differences

The collation algorithm used in a Thai Industrial Standard (TIS) TIS620-1 (code page 874) Thai database with the NLSCHAR collation option is similar, but not identical to, the collation algorithm used in a Unicode database with the UCA500R1\_LTH collation option.

The differences are as follows:

- When sorting TIS620-1 data, each character only has one weight, and that weight is used to compare with another character's weight during collation. When sorting Unicode data, each character has several weights, and all the weights of that character can be used during collation.
- When sorting TIS620-1 data, the space character X'20', hyphen character X'2D', and full stop character X'2E' all have smaller weights than all the Thai characters. When sorting Unicode data, however, those three characters are considered as punctuation marks; and are used for comparison only when all other characters in the two strings being compared are equal.
- The Paiyanno character X'CF' and the Maiyamok character X'E6' in a TIS620-1 database are treated as punctuation marks when they follow other Thai characters, and as normal characters, with their own weights, when they appear at the beginning of a string. The same two characters in a Unicode database

(U+0E2F and U+0E46 respectively) are always treated as punctuation marks, and will be used for comparison when all other characters in the two strings being compared are equal.

More information about Thai characters can be found in the Southeast Asian Scripts chapter of *The Unicode Standard* book.



---

## Chapter 9. Language-aware collations for Unicode data

When you create a Unicode database, you can specify a collation based on a weight table used for collating non-Unicode data.

Such collation orders Unicode data as if it had been code page converted to the non-Unicode code page and then had the corresponding SYSTEM collation applied. multibyte characters and characters that are not in the non-Unicode code page collate after the single-byte characters present in the non-Unicode code page. The multibyte characters and characters that are not in the non-Unicode code page are sorted in IDENTITY ordering using their UCS-2BE code unit values.

The non-Unicode SYSTEM collations can also be used with the COLLATION\_KEY\_BIT scalar function.

The names of these collations are in the *SYSTEM\_codepage\_territory* format. Any combination of code page and territory shown in "Supported territory codes and code pages" may be used, except for the Unicode code sets (UTF-8 and 16-bit Unicode) and all code pages where the operating system is shown as "Host".

If code page used is a multibyte code page, then the language aware collation only applies to characters that can be represented as a single byte in the multibyte code page. The code pages for China, Japan, Korea, and Taiwan are all multibyte code pages.

---

### Code set and collation combinations

The code set and collating sequence used by a database is based on the locale, code set , and collating sequence specified when the database is created.

The following table lists all possible combinations of locale, code set, and collating sequence specified when a database is created. If the code set or collating sequence was not specified when the database was created, the default collating sequence is used.

In the **Specified collation** and **Collation used by database** columns, X represents for any collation mechanism allowed for the given code set. "Language aware" represents a collation based on the *SYSTEM\_codepage\_territory* format, for both Unicode and non-Unicode databases.

*Table 66. Code set and collation combinations*

Client locale	Specified code set	Specified collation	Code set used by database	Collation used by database
Non-Unicode	Unspecified	SYSTEM	Unicode	Language aware
Non-Unicode	Non-Unicode	SYSTEM	Non-Unicode	Language aware
Non-Unicode	Unspecified	X		This combination is not allowed and results in error message SQL1083N.
Non-Unicode	Non-Unicode	X	Non-Unicode	X
Non-Unicode	Unicode	SYSTEM	Unicode	IDENTITY
Non-Unicode	Unicode	X	Unicode	X

*Table 66. Code set and collation combinations (continued)*

Client locale	Specified code set	Specified collation	Code set used by database	Collation used by database
Unicode	Unspecified	SYSTEM	Unicode	IDENTITY
Unicode	Non-Unicode	SYSTEM	Non-Unicode	Language aware
Unicode	Unspecified	X	Unicode	X
Unicode	Non-Unicode	X	Non-Unicode	X
Unicode	Unicode	SYSTEM	Unicode	IDENTITY
Unicode	Unicode	X	Unicode	X

For example, if

- the client locale is a non-Unicode locale, such as pt\_BR
- the code set was not specified at database creation
- the SYSTEM collation was specified at database creation

then the database will use

- the Unicode code set
- a SYSTEM\_codepage\_territory collation, such as SYSTEM\_819\_BR.

## Duplicate collation weights in SYSTEM collation tables

Some characters which have separate weights in a non-Unicode code page have equivalent weights in a Unicode code page.

For example, in code page 1046, both character X'A1' (arabic letter alef with madda above after lam) and character X'DC' (arabic letter alef with madda above final form) are equivalent to the Unicode character U+FE82 (arabic letter alef with madda above final form).

If you have the same set of data in a non-Unicode database with SYSTEM collation and a Unicode database with an equivalent collation, the ordering of sorted data might be different for the two databases.

When a non-Unicode database is converted to Unicode, sometimes the several non-Unicode characters convert to the same Unicode character. While these characters had different weights originally, they have the same weight in Unicode.

---

## Part 3. Unicode character encoding

The Unicode character encoding standard is a fixed-length, character encoding scheme that includes characters from almost all of the living languages of the world.

Information about Unicode can be found in the latest edition of *The Unicode Standard*, and from the Unicode Consortium web site at [www.unicode.org](http://www.unicode.org).

Unicode uses two encoding forms: 8-bit and 16-bit, based on the data type of the data being encoded. The default encoding form is 16-bit, that is, each character is 16 bits (two bytes) wide, and is usually shown as U+hhhh, where hhhh is the hexadecimal code point of the character. While the resulting over 65 000 code elements are sufficient for encoding most of the characters of the major languages of the world, the Unicode standard also provides an extension mechanism that allows the encoding of as many as one million more characters. The extension mechanism uses a pair of high and low surrogate characters to encode one extended or supplementary character. The first (or high) surrogate character has a code value between U+D800 and U+DBFF, and the second (or low) surrogate character has a code value between U+DC00 and U+DFFF.

### UCS-2

The International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) standard 10646 (ISO/IEC 10646) specifies the Universal Multiple-Octet Coded Character Set (UCS) that has a 16-bit (two-byte) version (UCS-2) and a 32-bit (four-byte) version (UCS-4). UCS-2 is identical to the Unicode 16-bit form without surrogates. UCS-2 can encode all the (16-bit) characters defined in the Unicode version 3.0 repertoire. Two UCS-2 characters — a high followed by a low surrogate — are required to encode each of the new supplementary characters introduced starting in Unicode version 3.1. These supplementary characters are defined outside the original 16-bit Basic Multilingual Plane (BMP or Plane 0).

### UTF-16

ISO/IEC 10646 also defines an extension technique for encoding some UCS-4 characters using two UCS-2 characters. This extension, called UTF-16, is identical to the Unicode 16-bit encoding form with surrogates. In summary, the UTF-16 character repertoire consists of all the UCS-2 characters plus the additional one million characters accessible via the surrogate pairs.

When serializing 16-bit Unicode characters into bytes, some processors place the most significant byte in the initial position (known as big-endian order), while others place the least significant byte first (known as little-endian order). The default byte ordering for Unicode is big-endian.

### UTF-8

Sixteen-bit Unicode characters pose a major problem for byte-oriented ASCII-based applications and file systems. For example, non-Unicode aware applications may misinterpret the leading 8 zero bits of the uppercase character 'A' (U+0041) as the single-byte ASCII NULL character.

UTF-8 (UCS Transformation Format 8) is an algorithmic transformation that transforms fixed-length Unicode characters into variable-length ASCII-safe byte strings. In UTF-8, ASCII and control characters are represented by their usual single-byte codes, and other characters become two or more bytes long. UTF-8 can encode both non-supplementary and supplementary characters.

UTF-8 characters can be up to 4 bytes long. Non-supplementary characters are up to 3 bytes long and supplementary characters are 4 bytes long.

The number of bytes for each UTF-16 character in UTF-8 format can be determined from Table 67.

*Table 67. UTF-8 Bit Distribution*

Code Value (binary)	UTF-16 (binary)	1st byte (binary)	2nd byte (binary)	3rd byte (binary)	4th byte (binary)
00000000 0xxxxxxx	00000000 0xxxxxxx	0xxxxxxx			
00000yyy yyxxxxxx	00000yyy yyxxxxxx	110yyyyy	10xxxxxx		
zzzzzzzz yyxxxxxx	zzzzzzzz yyxxxxxx	1110zzzz	10yyyyyy	10xxxxxx	
uuuuu zzzzzzzz yyxxxxxx	110110ww wwzzzzyy 110111yy yyxxxxxx	11110uuu (where uuuuu = www+1)	10uuzzzz	10yyyyyy	10xxxxxx

In each of the above, the series of u's, w's, x's, y's, and z's is the bit representation of the character. For example, U+0080 transforms into 11000010 10000000 in binary format, and the surrogate character pair U+D800 U+DC00 becomes 11110000 10010000 10000000 10000000 in binary format.

---

## Chapter 10. Unicode implementation in DB2 Database for Linux, UNIX, and Windows

DB2 Database for Linux, UNIX, and Windows supports UTF-8 and UCS-2 encoding. When a Unicode database is created, CHAR, VARCHAR, LONG VARCHAR, and CLOB data are stored in UTF-8 form, and GRAPHIC, VARGRAPHIC, LONG VARGRAPHIC, and DBCLOB data are stored in UCS-2 big-endian form.

A *surrogate pair* is a coded representation for a single character that consists of a sequence of two Unicode values, where the first value of the pair is a high-surrogate in the range U+D800 through U+DBFF, and the second value is a low-surrogate in the range U+DC00 through U+DFFF. Surrogate pairs provide an extension mechanism for encoding 917 476 characters without requiring the use of 32-bit characters.

In versions of DB2 products before Version 7.2 FixPak 4, DB2 treats the two characters in a surrogate pair as two independent Unicode characters. Therefore transforming the pair from UTF-16/UCS-2 to UTF-8 results in two three-byte sequences. Starting in DB2® Universal Database™ Version 7.2 FixPak 4, DB2 recognizes surrogate pairs when transforming between UTF-16/UCS-2 and UTF-8, thus a pair of UTF-16 surrogates will become one UTF-8 four-byte sequence. In other usages, DB2 continues to treat a surrogate pair as two independent UCS-2 characters. You can safely store supplementary characters in DB2 Unicode databases, provided you know how to distinguish them from the non-supplementary characters.

DB2 treats each Unicode character, including (non-spacing) characters such as the COMBINING ACUTE ACCENT character (U+0301), as an individual character. It does not perform normalization, which refers to transforming equivalent characters or sequences of characters into a consistent underlying representation. Therefore DB2 would not recognize that the character LATIN SMALL LETTER A WITH ACUTE (U+00E1) is canonically equivalent to the character LATIN SMALL LETTER A (U+0061) followed by the character COMBINING ACUTE ACCENT (U+0301).

All culturally sensitive parameters, such as date or time format, decimal separator, and others, are based on the current territory of the client.

A Unicode database allows connection from every code page supported by the DB2 database system. The database manager automatically performs code page conversion for character and graphic strings between the client's code page and Unicode.

Every client is limited by the character repertoire, the input method, and the fonts supported by its environment, but the Unicode database itself accepts and stores all Unicode characters. Therefore, every client usually works with a subset of Unicode characters, but the database manager allows the entire repertoire of Unicode characters.

When characters are converted from a local code page to Unicode, there may be expansion in the number of bytes. Prior to Version 8, based on the semantics of SQL statements, character data may have been marked as being encoded in the

client's code page, and the database server would have manipulated the entire statement in the client's code page. This manipulation could have resulted in potential expansion of the data. Starting in Version 8, once an SQL statement enters the database server, it operates only on the database server's code page. In this case there is no size change. However, specifying string units for some string functions might result in internal code page conversions. If this occurs, the size of the data string might change.

---

## Chapter 11. Data types in Unicode databases

All data types supported by DB2 Database for Linux, UNIX, and Windows are also supported in a Unicode database. In particular, graphic string data is supported for a Unicode database, and is stored in UCS-2 encoding. Every client, including SBCS clients, can work with graphic string data types in UCS-2 encoding when connected to a Unicode database.

A Unicode database is like any MBCS database where character string data is measured in number of bytes. When working with character string data in UTF-8 encoding, one should not assume that each character is one byte. In multibyte UTF-8 encoding, each ASCII character is one byte, but non-ASCII characters take two to four bytes each. This should be taken into account when defining CHAR fields. Depending on the ratio of ASCII to non-ASCII characters, a CHAR field of size  $n$  bytes can contain anywhere from  $n/4$  to  $n$  characters.

Using character string UTF-8 encoding versus the graphic string UCS-2 data type also has an impact on the total storage requirements. In a situation where the majority of characters are ASCII, with some non-ASCII characters in between, storing UTF-8 data may be a better alternative, because the storage requirements are closer to one byte per character. However, in situations where the majority of characters are non-ASCII characters that expand to three- or four-byte UTF-8 sequences (for example ideographic characters), the UCS-2 graphic-string format may be a better alternative, because every three-byte UTF-8 sequence becomes a 16-bit UCS-2 character, while each four-byte UTF-8 sequence becomes two 16-bit UCS-2 characters.

SQL CHAR data types are supported (in the C language) by the `char` data type in user programs. SQL GRAPHIC data types are supported by `sqlDbchar` in user programs. Note that, for a Unicode database, `sqlDbchar` data is always in big-endian (high byte first) format. When an application program is connected to a Unicode database, character string data is converted between the application code page and UTF-8, and graphic string data is converted between the application graphic code page and UCS-2 by DB2.

When retrieving data from a Unicode database to an application that does not use an SBCS, EUC, or Unicode code page, the defined substitution character is returned for each blank padded to a graphic column. DB2 pads fixed-length Unicode graphic columns with ASCII blanks (U+0020), a character that has no equivalent in pure DBCS code pages. As a result, each ASCII blank used in the padding of the graphic column is converted to the substitution character on retrieval. Similarly, in a DATE, TIME or TIMESTAMP string, any SBCS character that does not have a pure DBCS equivalent is also converted to the substitution character when retrieved from a Unicode database to an application that does not use an SBCS, EUC, or Unicode code page.

**Note:** Before Version 8, graphic string data and character string data were not compatible. Since Version 8, graphic and character data can be used interchangeably. To provide compatibility with applications that depend on the previous behavior of DB2, the registry variable `DB2GRAPHICUNICODESERVER` has been introduced. Its default value is OFF. Changing the value of this variable to ON will cause DB2 to use its earlier behavior. Additionally, the DB2 server

checks the version of DB2 running on the client, and will simulate DB2 Universal Database Version 7 behavior if the client is running DB2 UDB Version 7.

---

## Chapter 12. Converting non-Unicode databases to Unicode

There are some cases where you might need to convert an existing non-Unicode database to a Unicode database.

You must have enough free disk space to export the data from the non-Unicode database. Also, if you are not reusing the existing table spaces, you will need enough free disk space to create new table spaces for the data.

The following steps illustrate how to convert an existing non-Unicode database to a Unicode database:

1. Export your data using the db2move command:

```
cd <export-dir>
db2move sample export
```

where `<export-dir>` is the directory to which you want to export your data and SAMPLE is the existing database name.

2. Generate a DDL script for your existing database using the db2look command:

```
db2look -d sample -e -o unidb.ddl -l -x -f
```

where SAMPLE is the existing database name and `unidb.ddl` is the file name for the generated DDL script. The `-l` option generates DDL for user defined table spaces, database partition groups and buffer pools, the `-x` option generates authorization DDL, and the `-f` option generates an update command for database configuration parameters.

3. Create the Unicode database:

```
CREATE DATABASE UNIDB COLLATE USING SYSTEM_codepage_territory
```

where `UNIDB` is the name of the Unicode database and `SYSTEM_codepage_territory` is a language-aware collation based on the weight table used for collating your non-Unicode data. This ensures that the data in the new Unicode database will be sorted in the same order.

4. Edit the `unidb.ddl` script:

- a. Change all occurrences of the database name to the new Unicode database name:

```
CONNECT TO UNIDB
```

- b. Increase the column lengths for character columns in your tables. When characters are converted to Unicode, there may be an expansion in the number of bytes. It is recommended that you increase the length of the character columns to compensate for this expansion.

- c. To keep the existing database, you must also change the file name specification for table spaces in the `unidb.ddl` file. Otherwise, you can drop the existing database and use the same table space files:

```
DROP DATABASE SAMPLE
```

5. Recreate your database structure by running the DDL script that you edited:

```
db2 -tvf unidb.ddl
```

6. Import your data into the new Unicode database using the db2move command:

```
cd <export-dir>
db2move unidb import
```

where <export-dir> is the directory where you exported your data and UNIDB is the Unicode database name.

---

## Chapter 13. Code page and Coded Character Set Identifier (CCSID) numbers for Unicode graphic data

Within IBM, the UTF-16 code page has been registered as code page 1200, with a growing character set. When new characters are added to a code page, the code page number does not change. Code page 1200 always refers to the current version of Unicode.

A specific version of the Unicode standard, as defined by Unicode 2.0 and ISO/IEC 10646-1, has also been registered within IBM as CCSID 13488. This CCSID has been used internally by DB2 for storing graphic string data in IBM eucJP (Japan) and IBM eucTW (Taiwan) databases. CCSID 13488 and code page 1200 both refer to UTF-16, and are handled the same way, except for the value of their "double-byte" (DBCS) space:

CP/CCSID	Single-byte (SBCS) space	Double-byte (DBCS) space
1200	N/A	U+0020
13488	N/A	U+3000

**Note:** In a Unicode database, U+3000 has no special meaning.

The same conversion tables are used for both code page 1200 and CCSID 13488.

Within IBM, UTF-8 has been registered as CCSID 1208 with growing character set (sometimes also referred to as code page 1208). As new characters are added to the standard, this number (1208) will not change.

The MBCS code page number is 1208, which is the database code page number, and the code page of character string data within the database. The double-byte code page number for UTF-16 is 1200, which is the code page of graphic string data within the database.



---

## Part 4. Multicultural support and application development considerations

Constant character strings in static SQL statements are converted at bind time, from the application code page to the database code page, and will be used at execution time in this database code page representation. To avoid such conversions if they are not desired, you can use host variables in place of string constants.

If your program contains constant character strings, you should precompile, bind, compile, and execute the application using the same code page. For a Unicode database, you should use host variables instead of using string constants. The reason for this recommendation is that data conversions by the server can occur in both the bind and the execution phases. This could be a concern if constant character strings are used within the program. These embedded strings are converted at bind time based on the code page which is in effect during the bind phase. Seven-bit ASCII characters are common to all the code pages supported by DB2 database system and will not cause a problem. For non-ASCII characters, users should ensure that the same conversion tables are used by binding and executing with the same active code page.

Any external data obtained by the application will be assumed to be in the application code page. This includes data obtained from a file or from user input. Make sure that data from sources outside the application uses the same code page as the application.

If you use host variables that use graphic data in your C or C++ applications, there are special precompiler, application performance, and application design issues you need to consider. If you deal with EUC code sets in your applications, refer to the applicable topics for guidelines.

When developing an application, you should review the topics that follow this one. Failure to follow the recommendations described in these topics can produce unpredictable conditions. These conditions cannot be detected by the database manager, so no error or warning message will result. For example, a C application contains the following SQL statements operating against a table T1 with one column defined as C1 CHAR(20):

```
(0) EXEC SQL CONNECT TO GLOBALDB;
(1) EXEC SQL INSERT INTO T1 VALUES ('a-constant');
     strcpy(sqlstmt, "SELECT C1 FROM T1 WHERE C1='a-constant'");
(2) EXEC SQL PREPARE S1 FROM :sqlstmt;
```

Where:

```
application code page at bind time = x
application code page at execution time = y
database code page = z
```

At bind time, '*a-constant*' in statement (1) is converted from code page x to code page z. This conversion can be noted as (x→z).

At execution time, '*a-constant*' (x→z) is inserted into the table when statement (1) is executed. However, the WHERE clause of statement (2) will be executed with '*a-constant*' (y→z). If the code points in the constant are such that the two

conversions ( $x \rightarrow z$  and  $y \rightarrow z$ ) yield different results, the SELECT in statement (2) will fail to retrieve the data inserted by statement (1).

---

## Chapter 14. Multicultural support and SQL statements

The coding of SQL statements is not language dependent. The SQL keywords must be typed as shown, although they may be typed in uppercase, lowercase, or mixed case. The names of database objects, host variables and program labels that occur in an SQL statement must be characters supported by your application code page.

The server does not convert file names. To code a file name, either use the ASCII invariant set, or provide the path in the hexadecimal values that are physically stored in the file system.

In a multibyte environment, there are four characters which are considered special that do not belong to the invariant character set. These characters are:

- The double-byte percentage and double-byte underscore characters used in LIKE processing.
- The double-byte space character used for blank padding in graphic strings and in other places.
- The double-byte substitution character, used as a replacement during code page conversion when no mapping exists between a source code page and a target code page.

The code points for each of these characters, by code page, is as follows:

*Table 68. Code Points for Special Double-Byte Characters*

Code Page	Double-Byte Percentage	Double-Byte Underscore	Double-Byte Space	Double-Byte Substitution Character
932	X'8193'	X'8151'	X'8140'	X'FCFC'
938	X'8193'	X'8151'	X'8140'	X'FCFC'
942	X'8193'	X'8151'	X'8140'	X'FCFC'
943	X'8193'	X'8151'	X'8140'	X'FCFC'
948	X'8193'	X'8151'	X'8140'	X'FCFC'
949	X'A3A5'	X'A3DF'	X'A1A1'	X'AFFE'
950	X'A248'	X'A1C4'	X'A140'	X'C8FE'
954	X'A1F3'	X'A1B2'	X'A1A1'	X'F4FE'
964	X'A2E8'	X'A2A5'	X'A1A1'	X'FDFF'
970	X'A3A5'	X'A3DF'	X'A1A1'	X'AFFE'
1381	X'A3A5'	X'A3DF'	X'A1A1'	X'FEFE'
1383	X'A3A5'	X'A3DF'	X'A1A1'	X'A1A1'
13488	X'FF05'	X'FF3F'	X'3000'	X'FFFFD'
1363	X'A3A5'	X'A3DF'	X'A1A1'	X'A1E0'
1386	X'A3A5'	X'A3DF'	X'A1A1'	X'FEFE'
5039	X'8193'	X'8151'	X'8140'	X'FCFC'

For Unicode databases, the GRAPHIC space is X'0020', which is different from the GRAPHIC space of X'3000' used for eucJP (Extended UNIX Code - Japan) and eucTW (Extended UNIX Code - Taiwan) databases.

Both X'0020' and X'3000' are space characters in the Unicode standard. The difference in the GRAPHIC space code points should be taken into consideration when comparing data from these EUC databases to data from a Unicode database.

---

## Chapter 15. Derivation of locales in application programs

Locales are implemented one way on Windows and another way on Linux and UNIX systems. There are two locales on Linux and UNIX systems:

- The environment locale allows you to specify the language, currency symbol, and so on, that you want to use.
- The program locale contains the current language, currency symbol, and so on, of a program that is running.

On Windows systems, cultural preferences can be set through Regional Settings on the Control Panel. However, there is no environment locale like those on Linux and UNIX systems.

When your program is started, it gets a default C locale. It does *not* get a copy of the environment locale. If you set the program locale to any locale other than C, DB2 database system uses your current program locale to determine the code page and territory settings for your application environment. Otherwise, these values are obtained from the operating system environment. Note that `setlocale()` is not thread-safe, and if you issue `setlocale()` from within your application, the new locale is set for the entire process.



---

## Chapter 16. Date and time formats by territory code

The character string representation of date and time formats is the default format of datetime values associated with the client territory code of the application. This default format can be overridden by specifying the DATETIME format option when the program is precompiled or bound to the database.

Following is a description of the input and output formats for date and time:

- Input Time Format
  - There is no default input time format
  - All time formats are allowed as input for all territory codes.
- Output Time Format
  - The default output time format is equal to the local time format.
- Input Date Format
  - There is no default input date format
  - Where the local format for date conflicts with an ISO, JIS, EUR, or USA date format, the local format is recognized for date input. For example, see the UK entry in Table 69.
- Output Date Format
  - The default output date format is shown in Table 69.

**Note:** Table 69 also shows a listing of the string formats for the various territory codes.

*Table 69. Date and Time Formats by Territory Code*

Client Territory Code	Local Date Format	Local Time Format	Default Output Date Format	Input Date Formats
355 Albania	yyyy-mm-dd	JIS	LOC	LOC, USA, EUR, ISO
785 Arabic	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
001 Australia (1)	mm-dd-yyyy	JIS	LOC	LOC, USA, EUR, ISO
061 Australia	dd-mm-yyyy	JIS	LOC	LOC, USA, EUR, ISO
994 Azerbaijan	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
032 Belgium	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
055 Brazil	dd.mm.yyyy	JIS	LOC	LOC, EUR, ISO
359 Bulgaria	dd.mm.yyyy	JIS	EUR	LOC, USA, EUR, ISO
001 Canada	mm-dd-yyyy	JIS	USA	LOC, USA, EUR, ISO
002 Canada (French)	dd-mm-yyyy	ISO	ISO	LOC, USA, EUR, ISO
086 China	mm/dd/yyyy	JIS	ISO	LOC, USA, EUR, ISO

*Table 69. Date and Time Formats by Territory Code (continued)*

Client Territory Code	Local Date Format	Local Time Format	Default Output Date Format	Input Date Formats
385 Croatia	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
042 Czech Republic	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
045 Denmark	dd-mm-yyyy	ISO	ISO	LOC, USA, EUR, ISO
358 Finland	dd/mm/yyyy	ISO	EUR	LOC, EUR, ISO
389 FYR Macedonia	dd.mm.yyyy	JIS	EUR	LOC, USA, EUR, ISO
033 France	dd/mm/yyyy	JIS	EUR	LOC, EUR, ISO
049 Germany	dd/mm/yyyy	ISO	ISO	LOC, EUR, ISO
030 Greece	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
036 Hungary	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
354 Iceland	dd-mm-yyyy	JIS	LOC	LOC, USA, EUR, ISO
091 India	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
972 Israel	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
039 Italy	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
081 Japan	mm/dd/yyyy	JIS	ISO	LOC, USA, EUR, ISO
082 Korea	mm/dd/yyyy	JIS	ISO	LOC, USA, EUR, ISO
001 Latin America (1)	mm-dd-yyyy	JIS	LOC	LOC, USA, EUR, ISO
003 Latin America	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
356 Malta	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
382 Montenegro	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
031 Netherlands	dd-mm-yyyy	JIS	LOC	LOC, USA, EUR, ISO
047 Norway	dd/mm/yyyy	ISO	EUR	LOC, EUR, ISO
092 Pakistan	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
048 Poland	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
351 Portugal	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
040 Romania	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
007 Russia	dd/mm/yyyy	ISO	LOC	LOC, EUR, ISO
381 Serbia	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO
042 Slovakia	yyyy-mm-dd	JIS	ISO	LOC, USA, EUR, ISO

*Table 69. Date and Time Formats by Territory Code (continued)*

Client Territory Code	Local Date Format	Local Time Format	Default Output Date Format	Input Date Formats
386 Slovenia	dd.mm.yyyy	JIS	EUR	LOC, USA, EUR, ISO
034 Spain	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
046 Sweden	dd/mm/yyyy	ISO	ISO	LOC, EUR, ISO
041 Switzerland	dd/mm/yyyy	ISO	EUR	LOC, EUR, ISO
088 Taiwan	mm-dd-yyyy	JIS	ISO	LOC, USA, EUR, ISO
066 Thailand (2)	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
090 Turkey	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
044 UK	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO
001 USA	mm-dd-yyyy	JIS	USA	LOC, USA, EUR, ISO
084 Vietnam	dd/mm/yyyy	JIS	LOC	LOC, EUR, ISO

**Note:**

1. Countries/Regions using the default C locale are assigned territory code 001.
2. yyyy in Buddhist era is equivalent to Gregorian + 543 years (Thailand only).



---

## Chapter 17. Remote routines

When coding routines that will be running remotely, the following considerations apply:

- Data in a routine must be in the code page defined by the PARAMETER CCSID option implicitly or explicitly specified when the routine was created.
- Data passed to or from a routine with a character data type will be code page converted to the section or routine code page as appropriate. Therefore, numeric data and data structures must never be passed with a character type if the client application code page is different from the statement or routine code pages. To avoid character conversion, you can pass data by defining it in binary string format by using a data type of BLOB, or by defining the character data as FOR BIT DATA.

By default, when you invoke routines, they run under a default multicultural support environment, which may not match the database's multicultural support environment. Consequently, using operations that are specific to the code for the country (or region), or are code-page-specific, such as the C wchar\_t graphic host variables and functions, may not work as you expect. You need to ensure that, if applicable, the correct environment is initialized when you invoke the routine.



---

## **Chapter 18. Package name considerations in mixed code page environments**

Package names are determined when you invoke the PRECOMPILE PROGRAM command or API. By default, they are generated based on the first eight bytes of the application program source file (without the file extension) and are folded to uppercase. Optionally, a name can be explicitly defined. Regardless of the origin of a package name, if you are running in an unequal code page environment, the characters for your package names should be in the invariant character set. Otherwise you might experience problems related to the modification of your package name. The database manager will not be able to find the package for the application or a client-side tool will not display the right name for your package.

A package name modification due to character conversion will occur if any of the characters in the package name are not directly mapped to a valid character in the database code page. In such cases, a substitution character replaces the character that is not converted. After such a modification, the package name, when converted back to the application code page, might not match the original package name. An example of a case where this behavior is undesirable is when you use the Control Center to list and work with packages. Package names displayed may not match the expected names.

To avoid conversion problems with package names, use only characters which are valid under both the application and database code pages.



---

## **Chapter 19. CLI, ODBC, JDBC, and SQLJ programs in a DBCS environment**

JDBC and SQLJ programs access DB2 using the DB2 CLI/ODBC driver and therefore use the same configuration file (db2cli.ini). The following entries must be added to this configuration file if you run Java™ programs that access DB2 database system in a DBCS environment:

### **PATCH1 = 65536**

Forces the driver to manually insert a "G" in front of character literals that are in fact graphic literals. This PATCH1 value should always be set when working in a double-byte environment.

### **PATCH1 = 64**

Forces the driver to NULL terminate graphic output strings. This PATCH1 value is needed by Microsoft Access in a double-byte environment. If you need to use this PATCH1 value as well, you would add the two values together (64+65536 = 65600) and set PATCH1=65600. See note 2 below for more information about specifying multiple PATCH1 values.

### **PATCH2 = 7**

Forces the driver to map all graphic column data types to char column data type. This PATCH2 value is needed in a double-byte environment.

### **PATCH2 = 10**

Should only be used in an EUC (Extended UNIX Code) environment. This PATCH2 value ensures that the CLI driver provides data for character variables (CHAR, VARCHAR, and so on) in the proper format for the JDBC driver. The data in these character types will not be usable in JDBC without this setting.

#### **Note:**

1. Each of these keywords is set in each database specific stanza of the db2cli.ini file. If you want to set them for multiple databases, repeat them for each database stanza in db2cli.ini.
2. To set multiple PATCH1 values, add the individual values and use the sum. To set PATCH1 to both 64 and 65536, set PATCH1=65600 (64+65536). If you already have other PATCH1 values set, replace the existing number with the sum of the existing number and the new PATCH1 values that you want to add.
3. To set multiple PATCH2 values, specify them in a comma delimited string (unlike the PATCH1 option). To set PATCH2 values 1 and 7, set PATCH2="1,7"



---

## Chapter 20. Application development in unequal code page situations

Depending on the character encoding schemes used by the application code page and the database code page, there might or might not be a change in the length of a string as it is converted from the source code page to the target code page. A change in length is usually associated with conversions between multibyte code pages with different encoding schemes, for example DBCS and EUC.

A possible increase in length is usually more serious than a possible decrease in length, because an over-allocation of memory is less problematic than an under-allocation. Application considerations for sending or retrieving data depending on where the possible expansion might occur need to be dealt with separately. It is also important to note the differences between a *best-case* and *worst-case* situation when an expansion or contraction in length is indicated. Positive values, indicating a possible expansion, will give the *worst-case* multiplying factor. For example, a value of 2 for the SQLERRD(1) or SQLERRD(2) field means that a maximum of twice the string length of storage will be required to handle the data after conversion. This is a *worst-case* indicator. In this example, *best-case* would be that after conversion the length remains the same.

Negative values for SQLERRD(1) or SQLERRD(2), indicating a possible contraction, also provide the *worst-case* expansion factor. For example, a value of -1 means that the maximum storage required is equal to the string length prior to conversion. It is indeed possible that less storage might be required, but practically this is of little use unless the receiving application knows in advance how the source data is structured.

To ensure that you always have sufficient storage allocated to cover the maximum possible expansion after character conversion, you should allocate storage equal to the value `max_target_length` obtained from the following calculation:

1. Determine the expansion factor for the data.

For data transfer from the application to the database:

```
expansion_factor = ABS[SQLERRD(1)]
if expansion_factor = 0
    expansion_factor = 1
```

For data transfer from the database to the application:

```
expansion_factor = ABS[SQLERRD(2)]
if expansion_factor = 0
    expansion_factor = 1
```

In the above calculations, ABS refers to the absolute value.

The check for `expansion_factor = 0` is necessary because some DB2 products return 0 in SQLERRD(1) and SQLERRD(2). These servers do not support code page conversions that result in the expansion or shrinkage of data; this is represented by an expansion factor of 1.

2. Intermediate length calculation.

```
temp_target_length = actual_source_length * expansion_factor
```

3. Determine the maximum length for target data type.

**Target data type**

**Maximum length of type (`type_maximum_length`)**

<b>CHAR</b>	254
<b>VARCHAR</b>	32 672
<b>LONG VARCHAR</b>	32 700

**CLOB** 2 147 483 647

4. Determine the maximum target length.

```

1  if temp_target_length < actual_source_length
    max_target_length = type_maximum_length
    else
2  if temp_target_length > type_maximum_length
    max_target_length = type_maximum_length
    else
3  max_target_length = temp_target_length

```

All the above checks are required to allow for overflow, which might occur during the length calculation. The specific checks are:

- 1 Numeric overflow occurs during the calculation of `temp_target_length` in step 2.

If the result of multiplying two positive values together is greater than the maximum value for the data type, the result *wraps around* and is returned as a value less than the larger of the two values.

For example, the maximum value of a 2-byte signed integer (which is used for the length of non-CLOB data types) is 32 767. If the `actual_source_length` is 25 000 and the expansion factor is 2, `temp_target_length` is theoretically 50 000. This value is too large for the 2-byte signed integer so it gets wrapped around and is returned as -15 536.

For the CLOB data type, a 4-byte signed integer is used for the length. The maximum value of a 4-byte signed integer is 2 147 483 647.

- 2 `temp_target_length` is too large for the data type.

The length of a data type cannot exceed the values listed in step 3.

If the conversion requires more space than is available in the data type, it might be possible to use a larger data type to hold the result. For example, if a CHAR(250) value requires 500 bytes to hold the converted string, it will not fit into a CHAR value because the maximum length is 254 bytes. However, it might be possible to use a VARCHAR(500) to hold the result after conversion. See the topic on code page conversion string-length overflow in mixed code set environments for more information about what happens when converted data exceeds the limit for a data type.

- 3 `temp_target_length` is the correct length for the result.

Using the SQLERRD(1) and SQLERRD(2) values returned when connecting to the database and the above calculations, you can determine whether the length of a string will possibly increase or decrease as a result of character conversion. In general, a value of 0 or 1 indicates no expansion; a value greater than 1 indicates a possible expansion in length; a negative value indicates a possible contraction. (Note that values of 0 will only come from previous versions of DB2 products.) Also, these values are undefined for other database server products. The following

table lists values to expect for various application code page and database code page combinations when using DB2 database systems.

*Table 70. SQLCA.SQLERRD Settings on CONNECT*

Application Code Page	Database Code Page	SQLERRD(1)	SQLERRD(2)
SBCS	SBCS	+1	+1
DBCS	DBCS	+1	+1
eucJP	eucJP	+1	+1
eucJP	DBCS	-1	+2
DBCS	eucJP	+2	-1
eucTW	eucTW	+1	+1
eucTW	DBCS	-1	+2
DBCS	eucTW	+2	-1
eucKR	eucKR	+1	+1
eucKR	DBCS	+1	+1
DBCS	eucKR	+1	+1
eucCN	eucCN	+1	+1
eucCN	DBCS	+1	+1
DBCS	eucCN	+1	+1

If the SQLERRD(1) or SQLERRD(2) values indicate an expansion at either the database server or the application client, you should consider the following:

- Expansion at the database server

If the SQLERRD(1) entry indicates an expansion at the database server, your application must consider the possibility that length-dependent character data that is valid at the client will not be valid at the database server after it is converted. For example, DB2 products require that column names be no more than 128 bytes in length. It is possible that a character string that is 128 bytes in length encoded under a DBCS code page expands past the 128-byte limit when it is converted to an EUC code page. This possibility means that there might be activities that are valid when the application code page and the database code page are equal, and invalid when they are different. Exercise caution when you design EUC and DBCS databases for unequal code page situations.

- Expansion at the application

If the SQLERRD(2) entry indicates an expansion at the client application, your application must consider the possibility that length-dependent character data will expand in length after being converted. For example, a row with a CHAR(128) column is retrieved. When the database and application code pages are equal, the length of the data returned is 128 bytes. However, in an unequal code page situation, 128 bytes of data encoded under a DBCS code page might expand past 128 bytes when converted to an EUC code page. Thus, additional storage might have to be allocated to retrieve the complete string.



---

## Chapter 21. Applications connected to Unicode databases

Applications from any code page environment can connect to a Unicode database. For applications that connect to a Unicode database, the database manager converts character string data between the application code page and the database code page (UTF-8). When DB2 converts characters from a code page to UTF-8, the total number of bytes that represent the characters can expand or shrink, depending on the code page and the code points of the characters. 7-bit ASCII remains invariant in UTF-8, and each ASCII character requires one byte. Non-ASCII characters become more than one byte each. For more information about UTF-8 conversions, refer to the Unicode standard documents.

**Note:** The information that applies to applications in mixed code sets also applies to applications that connect to Unicode databases.

For a Unicode database, GRAPHIC data is in UTF-16 big-endian order. If you use the command line processor to retrieve graphic data, the graphic characters are also converted to the client code page. This conversion allows the command line processor to display graphic characters in the current font. Data loss can occur whenever the database manager converts UTF-16 characters to a client code page. Characters that the database manager cannot convert to a valid character in the client code page are replaced with the default substitution character in that code page.

Starting with DB2 Version 8, the database manager checks the code page setting of the client, and performs all required conversions for UTF-16 GRAPHIC data. For example, if a non-Unicode application sends GRAPHIC data, DB2 converts the GRAPHIC data to UTF-16 before the data is stored in a Unicode database. Conversely, if a non-Unicode application requests GRAPHIC data from a Unicode database, DB2 converts the GRAPHIC data to the code page of the application before the application can access the data.

**Note:** The following restrictions apply:

- When the DB2 Export utility is used to export DBCLOB data to an EUC code page with the LOBSINFILE or LOBSINSEPFFILE file type modifier, the resulting LOB file will contain EUC data instead of UCS-2 data.
- When GRAPHIC data is retrieved from a Unicode database to a non-SBCS, non-EUC, or non-Unicode application, DB2 substitutes an ASCII blank character (U+0020) for each blank that is padded to the UTF-16 GRAPHIC column. The substitution is performed because pure DBCS code pages have no equivalent to the UTF-16 blank.
- When DATE, TIME, and TIMESTAMP data is retrieved from a Unicode database as a GRAPHIC data type to a non-SBCS, non-EUC, or non-Unicode application, DB2 converts these data types to the substitution character. The substitution is performed because the UTF-16 data types contain SBCS characters that have no equivalent in pure DBCS code pages.

Before Version 8, DB2 did not perform any automatic conversion of UTF-16 GRAPHIC data. Non-Unicode applications had to perform the necessary conversions to and from Unicode themselves, or set the WCHARTYPE CONVERT option and use `wchar_t`. If a Version 7 client connects to a DB2 Version 8 server, the database manager, by default, does *not* perform data conversion for UTF-16.

GRAPHIC data. If you want to override this default behavior, you can set the DB2GRAPHICUNICODESERVER registry variable to OFF.

For applications that connect to DBCS databases, GRAPHIC data is converted between the application DBCS code page and the database DBCS code page.

---

## **Part 5. Character conversion between different code pages**

Ideally, for optimal performance, your applications should always use the same code page as the statements invoked from the application. However, this is not always practical or possible. The DB2 products provide support for code page conversion that allows your application and database to use different code pages. Characters from one code page must be mapped to the other code page to maintain data integrity.



---

## Chapter 22. Character conversion

A *string* is a sequence of bytes that may represent characters. All the characters within a string have a common coding representation. In some cases, it may be necessary to convert these characters to a different coding representation, a process known as *character conversion*.

When character conversion is required, it is automatic. Applications do not need to explicitly invoke character conversion, because the DB2 database server and client perform all necessary character conversion automatically.

Character conversion can occur when an SQL statement is executed remotely. Consider, for example, the following scenarios in which the coding representations may be different at the sending and receiving systems:

- The values of host variables are sent from the application requester to the application server.
- The values of result columns are sent from the application server to the application requester.

Following is a list of terms used when discussing character conversion:

### **character set**

A defined set of characters. For example, the following character set appears in several code pages:

- 26 non-accented letters A through Z
- 26 non-accented letters a through z
- digits 0 through 9
- . , : ; ? ( ) ' " / - \_ & + % \* = < >

### **code page**

A set of assignments of characters to code points. In the ASCII encoding scheme for code page 850, for example, "A" is assigned code point X'41', and "B" is assigned code point X'42'. Within a code page, each code point has only one specific meaning. A code page is an attribute of the database. When an application program connects to the database, the database manager determines the code page of the application.

### **code point**

A unique bit pattern that represents a character.

### **encoding scheme**

A set of rules used to represent character data, for example:

- Single-Byte ASCII
- Single-Byte EBCDIC
- Double-Byte ASCII
- Mixed single- and double-byte ASCII

The following figure shows how a typical character set might map to different code points in two different code pages. Even with the same encoding scheme, there are many different code pages, and the same code point can represent a different character in different code pages. Furthermore, a byte in a character string does not necessarily represent a character from a single-byte character set (SBCS).

Character strings are also used for mixed and bit data. *Mixed data* is a mixture of single-byte, double-byte, or multibyte characters. *Bit data* (columns defined as FOR BIT DATA, or BLOBS, or binary strings) is not associated with any character set.

code page: pp1 (ASCII)

	0	1	2	3	4	5		E	F
0				0	@	P		Â	
1				1	A	Q		À	α
2		"	2	B	R			Å	β
3			3	C	S			Á	γ
4			4	D	T			Ã	δ
5		%	5	E	U			Ä	ε
E		.	>	N				½	Ö
F		/	*	O				®	

code point: 2F

character set ss1  
(in code page pp1)

code page: pp2 (EBCDIC)

	0	1		A	B	C	D	E	F
0				#					0
1				\$	A	J			1
2				s	%	B	K	S	2
3				t	-	C	L	T	3
4				u	*	D	M	U	4
5				v	(	E	N	V	5
E									
F									

character set ss1  
(in code page pp2)

Figure 1. Mapping a Character Set in Different Code Pages

The database manager determines code page attributes for all character strings when an application is bound to a database. The possible code page attributes are:

#### Database code page

The database code page is stored in the database configuration file. The value is specified when the database is created and cannot be altered.

#### Application code page

The code page under which the application runs. This is not necessarily the same code page under which the application was bound.

#### Section code page

The code page under which the SQL statement runs. Typically, the section code page is the database code page. However, the Unicode code page (UTF-8) is used as the section code page if:

- The statement references a table that is created with the Unicode encoding scheme in a non-Unicode database
- The statement references a table function that is defined with PARAMETER CCSID UNICODE in a non-Unicode database

## **Code Page 0**

This represents a string that is derived from an expression that contains a FOR BIT DATA value or a BLOB value.

Character string code pages have the following attributes:

- Columns can be in the database code page, the Unicode code page (UTF-8), or code page 0 (if defined as FOR BIT DATA or BLOB).
- Constants and special registers (for example, USER, CURRENT SERVER) are in the section code page. Constants are converted, if necessary, from the application code page to the database code page, and then to the section code page when an SQL statement is bound to the database.
- Input host variables are in the application code page. As of Version 8, string data in input host variables is converted, if necessary, from the application code page to the section code page before being used. The exception occurs when a host variable is used in a context where it is to be interpreted as bit data; for example, when the host variable is to be assigned to a column that is defined as FOR BIT DATA.

A set of rules is used to determine code page attributes for operations that combine string objects, such as scalar operations, set operations, or concatenation. Code page attributes are used to determine requirements for code page conversion of strings at run time.



---

## Chapter 23. When code page conversion occurs

Code page conversion can occur in the following situations:

- When a client or application accessing a database is running in a code page that is different from the code page of the statement being invoked:  
You can minimize or eliminate client/server character conversion in some situations. For example, you could:
  - Create a database on Windows using code page 850 to match a Windows client application environment that predominately uses code page 850.
  - Create a database on AIX using code page 850 to match a client application environment that predominately uses code page 850.
  - Avoid specifying the CCSID option when creating tables and the PARAMETER CCSID option when creating routines.
- When a client or application importing a PC/IXF file runs in a code page that is different from the file being imported.

This data conversion will occur on the IBM data server client machine before the client accesses the database server. Additional data conversion might take place if the application is running in a code page that is different from the code page of the database (as stated in the previous point).

Data conversion, if any, also depends on how the import utility was called.

- When DB2® Connect™ is used to access data on a host, z/OS, or System i® server. In this case, the data receiver converts the character data. For example, data that is sent to DB2 for z/OS is converted to the appropriate coded character set identifier (CCSID) by DB2 for z/OS. The data sent back to the DB2 Connect machine from DB2 for z/OS is converted by DB2 Connect.

Character conversion will **not** occur for:

- File names. You should either use the ASCII invariant set for file names or provide the file name in the hexadecimal values that are physically stored in the file system. Note that if you include a file name as part of an SQL statement, it gets converted as part of the statement conversion.
- Data that is targeted for or comes from a column assigned the FOR BIT DATA attribute, or data used in an SQL operation whose result is FOR BIT or BLOB data. In these cases, the data is treated as a byte stream and no conversion occurs.

**Note:** A literal inserted into a column defined as FOR BIT DATA could be converted if that literal was part of an SQL statement that was converted.

- A DB2 product or platform that does not support, or that does not have support installed, for the desired combination of code pages. In this case, an SQLCODE -332 (SQLSTATE 57017) is returned when you try to run your application.



---

## Chapter 24. Supported code page conversions

When data conversion occurs, conversion will take place from a *source code page* to a *target code page*.

The source code page is determined from the source of the data. In general, data from the application has a source code page equal to the application code page, and data from the database has a source code page equal to the database code page.

The determination of target code page is more involved; where the data is to be placed, including rules for intermediate operations, is considered:

- In general, if the data is moved directly from an application into a database, with no intervening operations, the target code page is the database code page.
- If the data is derived from operations performed on character data, and the source is the application code page, the database code page, FOR BIT DATA, or FOR BLOB data, data conversion is based on a set of rules. Some or all of the data items might have to be converted to an intermediate result, before the final target code page can be determined.

**Note:** Code page conversions between multibyte code pages, for example DBCS and EUC, might result in either an increase or a decrease in the length of the string.

### Character substitutions during code page conversions

When your application converts from one code page to another, it is possible that one or more characters are not represented in the target code page. If this occurs, DB2 inserts a *substitution* character into the target string in place of the character that has no representation. The replacement character is then considered a valid part of the string. In situations where a substitution occurs, the SQLWARN10 indicator in the SQLCA is set to 'W'.

**Note:** Any character conversions resulting from using the WCHARTYPE CONVERT precompiler option will not flag a warning if any substitutions take place.



---

## Chapter 25. Code page conversion expansion factor

When your application successfully completes an attempt to connect to a DB2 database server, you should consider the following fields in the returned SQLCA:

- The second token in the SQLERRMC field (tokens are separated by X'FF') indicates the code page of the database. The ninth token in the SQLERRMC field indicates the code page of the application. Querying the application's code page and comparing it to the database's code page informs the application whether it has established a connection that will undergo character conversions.
- The first and second entries in the SQLERRD array. SQLERRD(1) contains an integer value equal to the maximum expected expansion or contraction factor for the length of mixed character data (CHAR data types) when converted to the database code page from the application code page. SQLERRD(2) contains an integer value equal to the maximum expected expansion or contraction factor for the length of mixed character data (CHAR data types) when converted to the application code page from the database code page. A value of 0 or 1 indicates no expansion; a value greater than 1 indicates a possible expansion in length; a negative value indicates a possible contraction.

The considerations for graphic string data should not be a factor in unequal code page situations. Each string always has the same number of characters, regardless of whether the data is in the application or the database code page.



---

## Chapter 26. Code page conversion string-length overflow in mixed code set environments

In EUC and DBCS unequal code page environments, situations can occur after conversion takes place when there is not enough space allocated in a column to accommodate the entire string. In this case, the maximum expansion will be twice the length of the string in bytes. In cases where expansion does exceed the capacity of the column, SQLCODE -334 (SQLSTATE 22524) is returned.

This leads to situations that might not be immediately obvious or previously considered as follows:

- An SQL statement cannot be longer than 32 765 bytes in length. If the statement is complex enough or uses enough constants or database object names that can be subject to expansion upon conversion, this limit might be reached earlier than expected.
- SQL identifiers are allowed to expand on conversion up to their maximum length, which is eight bytes for short identifiers and 128 bytes for long identifiers.
- Host language identifiers are allowed to expand on conversion up to their maximum length, which is 255 bytes.
- When the character fields in the SQLCA structure are converted, they are allowed to expand to no more than their maximum defined length.

When you design applications for mixed code set environments, you should refer to the appropriate documentation if you have any of the following situations:

- Corresponding string columns in full selects with set operations (UNION, INTERSECT and EXCEPT)
- Operands of concatenation
- Operands of predicates (with the exception of LIKE)
- Result expressions of a CASE statement
- Arguments of the scalar function COALESCE (and VALUE)
- Expression values of the IN list of an IN predicate
- Corresponding expressions of a multiple row VALUES clause

In these situations, conversions might occur according to the application code page instead of the database code page.

Other situations that you need to consider are those in which the character conversion results in a string length beyond the limit for the data type, and code page conversions in stored procedures:

- Character conversion past a data type limit

In EUC and DBCS unequal code page environments, situations can occur after conversion takes place in which the length of the mixed character or graphic string exceeds the maximum length allowed for that data type. If the length of the string, after expansion, exceeds the limit of the data type, type promotion does not occur. Instead, an error message is returned indicating that the maximum allowed expansion length has been exceeded. This situation is more likely to occur while evaluating predicates than inserts. With inserts, the column width is more readily known by the application, and the maximum expansion factor can be readily taken into account. In many cases, this side effect of character conversion can be avoided by casting the value to an associated data

type with a longer maximum length. For example, the maximum length of a CHAR value is 254 bytes, while the maximum length of a VARCHAR is 32 672 bytes. In cases where expansion does exceed the maximum length of the data type, SQLCODE -334 (SQLSTATE 22524) is returned.

- Code page conversion in a stored procedure

Mixed character or graphic data specified in host variables and SQLDAs in `sqlleproc()` or SQL CALL invocations are converted in situations where the application and database code pages are different. In cases where string length expansion occurs as a result of conversion, you receive an SQLCODE -334 (SQLSTATE 22524) if there is not enough space allocated to handle the expansion. Thus you must be sure to provide enough space for potentially expanding strings when developing stored procedures. You should use variable-length data types with enough space allocated to allow for expansion.

---

## Chapter 27. Character conversion considerations for EUC Traditional Chinese code page 964

Due to the standards definition for Traditional Chinese, there is a side effect that you might encounter when you convert some characters between double-byte or EUC code pages and UCS-2. There are 189 characters (consisting of 187 radicals and 2 numbers) that share the same UCS-2 code point, when converted, as another character in the code set. When these characters are converted back to double-byte or EUC, they are converted to the code point of the same character's ideograph, with which it shares the same UCS-2 code point, rather than back to the original code point. When displayed, the character appears the same, but has a different code point. Depending on your application's design, you might have to take this behavior into account.

As an example, consider what happens to code point X'A7A1' in EUC code page 964 when it is converted to UCS-2, then converted back to the original code page, EUC 964:



Thus, the original code points X'A7A1' and X'C4A1' end up as code point X'C4A1' after conversion.



---

## Chapter 28. Character conversion guidelines

Data conversion might be required to map data between application and database code pages when your application and database do not use the same code page. Because mapping and data conversion require additional overhead application performance improves if the application and database use the same code page or the identity collating sequence.

Character conversion occurs in the following circumstances:

- When a client or application runs in a code page that is different from the code page of the database that it accesses.

The conversion occurs on the database server machine that receives the data. If the database server receives the data, character conversion is from the application code page to the database code page. If the application machine receives the data, conversion is from the database code page to the application code page.

- When using DB2 Import, Export, or Load utilities, if the source code page for the data is different from the target code page.

Character conversion does not occur for the following objects:

- File names.
- Data targeted for or coming from a column for which the FOR BIT DATA attribute is assigned, or data that is used in an SQL operation whose result is FOR BIT or BLOB data.
- A DB2 product or platform for which no supported conversion function to or from EUC or UCS-2 is installed.

The conversion function and conversion tables or DBCS conversion APIs that the database manager uses when it converts multibyte code pages depends on the operating system environment.

**Note:** Character string conversions between multibyte code pages, such as DBCS with EUC, might increase or decrease length of a string.

### Extended UNIX Code (EUC) Code Page Support

Host variables that use graphic data in C or C++ applications require special considerations that include special precompiler, application performance, and application design issues.

Many characters in both the Japanese and Traditional Chinese EUC code pages require special methods of managing database and client application support for graphic data, which require double byte characters. Graphic data from these EUC code pages is stored and manipulated using the UCS-2 code set.



---

## Chapter 29. Euro-enabled code page conversion tables

### Enabling and disabling euro symbol support

DB2 Database for Linux, UNIX, and Windows provides support for the euro currency symbol. The euro symbol has been added to numerous code pages. Microsoft ANSI code pages have been modified to include the euro currency symbol in position X'80'. Code page 850 has been modified to replace the character DOTLESS I (found at position X'D5') with the euro currency symbol. DB2 internal code page conversion routines use these revised code page definitions as the default to provide euro symbol support. However, if you want to use the non-euro definitions of the code page conversion tables, follow the procedure below after installation is complete.

For replacing existing external code page conversion table files, you may want to back up the current files before copying the non-euro versions over them. The files are located in the directory `sqllib/conv/`. On UNIX, `sqllib/conv/` is linked to the install path of the DB2 database system.

To disable euro-symbol support:

1. Stop the DB2 instance.
2. Download the appropriate conversion table files, in binary:
  - For big-endian platforms from `ftp://ftp.software.ibm.com/ps/products/db2/info/vr8/conv/BigEndian/`. This ftp server is anonymous, so if you are connecting via the command line, log in as user "anonymous" and use your e-mail address as your password. After logging in, change to the conversion tables directory: `cd ps/products/db2/info/vr8/conv/BigEndian/`
  - For little-endian platforms from `ftp://ftp.software.ibm.com/ps/products/db2/info/vr8/conv/LittleEndian/`. This ftp server is anonymous, so if you are connecting via the command line, log in as user "anonymous" and use your e-mail address as your password. After logging in, change to the conversion tables directory: `cd ps/products/db2/info/vr8/conv/LittleEndian`
3. Copy the files to your `sqllib/conv/` directory.
4. Restart the DB2 instance.

#### Code pages 819 and 1047

For code pages 819 (ISO 8859-1 Latin 1 ASCII) and 1047 (Latin 1 Open System EBCDIC), the euro replacement code pages, 923 (ISO 8859-15 Latin 9 ASCII) and 924 (Latin 9 Open System EBCDIC) respectively, contain not just the euro symbol but also several new characters. DB2 Database for Linux, UNIX, and Windows continues to use the old (non-euro) definitions of these two code pages and conversion tables, namely 819 and 1047, by default. There are two ways to activate the new 923/924 code page and the associated conversion tables:

- Create a new database that uses the new code page. For example,  
`DB2 CREATE DATABASE dbname USING CODESET ISO8859-15 TERRITORY US`
- Copy the 923 or 924 conversion table files from the `sqllib/conv/alt/` directory to the `sqllib/conv/` directory and rename them to 819 or 1047, respectively.

## Conversion table files for euro-enabled code pages

In DB2 Version 8, the following conversion tables have been enhanced to support the euro currency symbol. If you want to disable euro symbol support, download the conversion table file indicated in the column titled "Conversion table file".

### Arabic

Database server CCSIDs/CPGIDs	Database client CCSIDs/CPGIDs	Conversion table files
864, 17248	1046, 9238	08641046.cnv, 10460864.cnv, IBM00864.ucs
864, 17248	1256, 5352	08641256.cnv, 12560864.cnv, IBM00864.ucs
864, 17248	1200, 1208, 13488, 17584	IBM00864.ucs
1046, 9238	864, 17248	10460864.cnv, 08641046.cnv, IBM01046.ucs
1046, 9238	1089	10461089.cnv, 10891046.cnv, IBM01046.ucs
1046, 9238	1256, 5352	10461256.cnv, 12561046.cnv, IBM01046.ucs
1046, 9238	1200, 1208, 13488, 17584	IBM01046.ucs
1089	1046, 9238	10891046.cnv, 10461089.cnv
1256, 5352	864, 17248	12560864.cnv, 08641256.cnv, IBM01256.ucs
1256, 5352	1046, 9238	12561046.cnv, 10461256.cnv, IBM01256.ucs
1256, 5352	1200, 1208, 13488, 17584	IBM01256.ucs

### Baltic

Database server CCSIDs/CPGIDs	Database client CCSIDs/CPGIDs	Conversion table files
921, 901	1257	09211257.cnv, 12570921.cnv, IBM00921.ucs
921, 901	1200, 1208, 13488, 17584	IBM00921.ucs
1257, 5353	921, 901	12570921.cnv, 09211257.cnv, IBM01257.ucs
1257, 5353	922, 902	12570922.cnv, 09221257.cnv, IBM01257.ucs
1257, 5353	1200, 1208, 13488, 17584	IBM01257.ucs

### Belarus

Database server CCSIDs/CPGIDs	Database client CCSIDs/CPGIDs	Conversion table files
1131, 849	1251, 5347	11311251.cnv, 12511131.cnv
1131, 849	1283	11311283.cnv

## Cyrillic

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
855, 872	866, 808	08550866.cnv, 08660855.cnv
855, 872	1251, 5347	08551251.cnv, 12510855.cnv
866, 808	855, 872	08660855.cnv, 08550866.cnv
866, 808	1251, 5347	08661251.cnv, 12510866.cnv
1251, 5347	855, 872	12510855.cnv, 08551251.cnv, IBM01251.ucs
1251, 5347	866, 808	12510866.cnv, 08661251.cnv, IBM01251.ucs
1251, 5347	1124	12511124.cnv, 11241251.cnv, IBM01251.ucs
1251, 5347	1125, 848	12511125.cnv, 11251251.cnv, IBM01251.ucs
1251, 5347	1131, 849	12511131.cnv, 11311251.cnv, IBM01251.ucs
1251, 5347	1200, 1208, 13488, 17584	IBM01251.ucs

## Estonia

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
922, 902	1257	09221257.cnv, 12570922.cnv, IBM00922.ucs
922, 902	1200, 1208, 13488, 17584	IBM00922.ucs
1122, 1157	1257, 5353	11221257.cnv

## Greek

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
813, 4909	869, 9061	08130869.cnv, 08690813.cnv, IBM00813.ucs
813, 4909	1253, 5349	08131253.cnv, 12530813.cnv, IBM00813.ucs
813, 4909	1200, 1208, 13488, 17584	IBM00813.ucs
869, 9061	813, 4909	08690813.cnv, 08130869.cnv
869, 9061	1253, 5349	08691253.cnv, 12530869.cnv
1253, 5349	813, 4909	12530813.cnv, 08131253.cnv, IBM01253.ucs
1253, 5349	869, 9061	12530869.cnv, 08691253.cnv, IBM01253.ucs
1253, 5349	1200, 1208, 13488, 17584	IBM01253.ucs

## Hebrew

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
856, 9048	862, 867	08560862.cnv, 08620856.cnv, IBM0856.ucs
856, 9048	916	08560916.cnv, 09160856.cnv, IBM0856.ucs
856, 9048	1255, 5351	08561255.cnv, 12550856.cnv, IBM0856.ucs
856, 9048	1200, 1208, 13488, 17584	IBM0856.ucs
862, 867	856, 9048	08620856.cnv, 08560862.cnv, IBM00862.ucs
862, 867	916	08620916.cnv, 09160862.cnv, IBM00862.ucs
862, 867	1255, 5351	08621255.cnv, 12550862.cnv, IBM00862.ucs
862, 867	1200, 1208, 13488, 17584	IBM00862.ucs
916	856, 9048	09160856.cnv, 08560916.cnv
916	862, 867	09160862.cnv, 08620916.cnv
1255, 5351	856, 9048	12550856.cnv, 08561255.cnv, IBM01255.ucs
1255, 5351	862, 867	12550862.cnv, 08621255.cnv, IBM01255.ucs
1255, 5351	1200, 1208, 13488, 17584	IBM01255.ucs

## Latin-1

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
437	850, 858	04370850.cnv, 08500437.cnv
500, 1148	437	05000437.cnv, IBM00500.ucs
850, 858	437	08500437.cnv, 04370850.cnv
850, 858	860	08500860.cnv, 08600850.cnv
850, 858	1114, 5210	08501114.cnv, 11140850.cnv
850, 858	1275	08501275.cnv, 12750850.cnv
860	850, 858	08600850.cnv, 08500860.cnv
1275	850, 858	12750850.cnv, 08501275.cnv

## Latin-2

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
852, 9044	1250, 5346	08521250.cnv, 12500852.cnv
1250, 5346	852, 9044	12500852.cnv, 08521250.cnv, IBM01250.ucs

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
1250, 5346	1200, 1208, 13488, 17584	IBM01250.ucs

## Simplified Chinese

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
837, 935, 1388	1200, 1208, 13488, 17584	1388ucs2.cnv
1386	1200, 1208, 13488, 17584	1386ucs2.cnv, ucs21386.cnv

## Traditional Chinese

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
937, 835, 1371	950, 1370	09370950.cnv, 0937ucs2.cnv
937, 835, 1371	1200, 1208, 13488, 17584	0937ucs2.cnv
1114, 5210	850, 858	11140850.cnv, 08501114.cnv

## Thailand

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
874, 1161	1200, 1208, 13488, 17584	IBM00874.ucs

## Turkish

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
857, 9049	1254, 5350	08571254.cnv, 12540857.cnv
1254, 5350	857, 9049	12540857.cnv, 08571254.cnv, IBM01254.ucs
1254, 5350	1200, 1208, 13488, 17584	IBM01254.ucs

## Ukraine

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
1124	1251, 5347	11241251.cnv, 12511124.cnv
1125, 848	1251, 5347	11251251.cnv, 12511125.cnv

## Unicode

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
1200, 1208, 13488, 17584	813, 4909	IBM00813.ucs
1200, 1208, 13488, 17584	862, 867	IBM00862.ucs

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
1200, 1208, 13488, 17584	864, 17248	IBM00864.ucs
1200, 1208, 13488, 17584	874, 1161	IBM00874.ucs
1200, 1208, 13488, 17584	921, 901	IBM00921.ucs
1200, 1208, 13488, 17584	922, 902	IBM00922.ucs
1200, 1208, 13488, 17584	1046, 9238	IBM01046.ucs
1200, 1208, 13488, 17584	1250, 5346	IBM01250.ucs
1200, 1208, 13488, 17584	1251, 5347	IBM01251.ucs
1200, 1208, 13488, 17584	1253, 5349	IBM01253.ucs
1200, 1208, 13488, 17584	1254, 5350	IBM01254.ucs
1200, 1208, 13488, 17584	1255, 5351	IBM01255.ucs
1200, 1208, 13488, 17584	1256, 5352	IBM01256.ucs
1200, 1208, 13488, 17584	1386	ucs21386.cnv, 1386ucs2.cnv

## Vietnamese

<b>Database server CCSIDs/CPGIDs</b>	<b>Database client CCSIDs/CPGIDs</b>	<b>Conversion table files</b>
1258, 5354	1129, 1163	12581129.cnv

---

## Conversion tables for code pages 923 and 924

The following is a list of all the code page conversion table files that are associated with code pages 923 and 924. Each file is of the form XXXXYYYY.cnv or ibmZZZZZ.ucs, where XXXXX is the source code page number and YYYY is the target code page number. The file ibmZZZZZ.ucs supports conversion between code page ZZZZZ and Unicode.

To activate a particular code page conversion table, copy the conversion table file from the sqlib/conv/alt/ directory to the sqlib/conv/ directory and rename that conversion table file as shown in the second column.

For example, to support the euro symbol when connecting a 8859-1/15 (Latin 1/9) client to a Windows 1252 database, you need to copy and rename the following code page conversion table files:

- sqlib/conv/alt/09231252.cnv to sqlib/conv/08191252.cnv
- sqlib/conv/alt/12520923.cnv to sqlib/conv/12520819.cnv
- sqlib/conv/alt/ibm00923.ucs to sqlib/conv/ibm00819.ucs

<b>923 and 924 conversion table files in the sqlib/conv/alt/ directory</b>	<b>New name in the sqlib/conv/ directory</b>
04370923.cnv	04370819.cnv
08500923.cnv	08500819.cnv
08600923.cnv	08600819.cnv
08630923.cnv	08630819.cnv
09230437.cnv	08190437.cnv

<b>923 and 924 conversion table files in the sqllib/conv/alt/ directory</b>	<b>New name in the sqllib/conv/ directory</b>
09230850.cnv	08190850.cnv
09230860.cnv	08190860.cnv
09231043.cnv	08191043.cnv
09231051.cnv	08191051.cnv
09231114.cnv	08191114.cnv
09231252.cnv	08191252.cnv
09231275.cnv	08191275.cnv
09241252.cnv	10471252.cnv
10430923.cnv	10430819.cnv
10510923.cnv	10510819.cnv
11140923.cnv	11140819.cnv
12520923.cnv	12520819.cnv
12750923.cnv	12750819.cnv
ibm00923.ucs	ibm00819.ucs



---

## Chapter 30. Alternative Unicode conversion tables

### Alternative Unicode conversion table for CCSID 943

There are several IBM coded character set identifiers (CCSIDs) for Japanese code pages. CCSID 943 is registered as the Microsoft Japanese Windows Shift-JIS code page. You might encounter the following two problems when converting characters between CCSID 943 and Unicode. The problems are the result of differences between the IBM code page conversion tables and the Microsoft code page conversion tables.

#### Problem 1:

For historical reasons, over 300 characters in the CCSID 943 code page are represented by two or three code points each. The use of input method editors (IMEs) and code page conversion tables cause only one of these equivalent code points to be entered. For example, the lower case character for Roman numeral one ("i") has two equivalent code points: X'EEEF' and X'FA40'. Microsoft Windows IMEs always generate X'FA40' when "i" is entered. In general, IBM and Microsoft use the same primary code point to represent the character, except for the following 13 characters:

*Table 71. CCSID 943 Shift-JIS code point conversion*

Character name (Unicode code point)	IBM primary Shift-JIS code point	Microsoft Shift-JIS primary code point
Roman numeral one (U+2160)	X'FA4A'	X'8754'
Roman numeral two (U+2161)	X'FA4B'	X'8755'
Roman numeral three (U+2162)	X'FA4C'	X'8756'
Roman numeral four (U+2163)	X'FA4D'	X'8757'
Roman numeral five (U+2164)	X'FA4E'	X'8758'
Roman numeral six (U+2165)	X'FA4F'	X'8759'
Roman numeral seven (U+2166)	X'FA50'	X'875A'
Roman numeral eight (U+2167)	X'FA51'	X'875B'
Roman numeral nine (U+2168)	X'FA52'	X'875C'
Roman numeral ten (U+2169)	X'FA53'	X'875D'
Parenthesized ideograph stock (U+3231)	X'FA58'	X'878A'
Numero sign (U+2116)	X'FA59'	X'8782'
Telephone sign (U+2121)	X'FA5A'	X'8784'

IBM products such as DB2 database manager primarily use IBM code points, for example X'FA4A', to present the upper case Roman numeral "I", but Microsoft products use X'8754' to represent the same character. A Microsoft ODBC application can insert the "I" character as X'8754' into a DB2 database of CCSID 943, and the DB2 Control Center can insert the same character as X'FA4A' into the same CCSID 943 database. However, Microsoft ODBC applications can find only those rows that have "I" encoded as X'8754', and the DB2 Control Center can locate only those rows that have encoded "I" as X'FA4A'. To enable the DB2 Control Center to select "I" as X'8754', you need to replace the default IBM conversion table from Unicode to CCSID 943 with the alternate Microsoft conversion table provided by the DB2 database manager.

### Problem 2:

The following list of characters, when converted from CCSID 943 to Unicode, will result in different code points depending on whether the IBM conversion table or the Microsoft conversion table is used. For these characters, the IBM conversion table conforms to the character names as specified in the Japanese Industry Standard JISX0208, JISX0212, and JISX0221.

*Table 72. CCSID 943 to Unicode code point conversion*

Shift-JIS code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'815C' (EM Dash)	U+2014 (EM Dash)	U+2015 (Horizontal Bar)
X'8160' (Wave Dash)	U+301C (Wave Dash)	U+FF5E (Fullwidth Tilde)
X'8161' (Double vertical line)	U+2016 (Double vertical line)	U+2225 (Parallel To)
X'817C' (Minus sign)	U+2212 (Minus sign)	U+FF0D (Fullwidth hyphen-minus)
X'FA55' (Broken bar)	U+00A6 (Broken bar)	U+FFE4 (Fullwidth broken bar)

For example, the character EM dash with the CCSID 943 code point of X'815C' is converted to the Unicode code point U+2014 when using the IBM conversion table, but is converted to U+2015 when using the Microsoft conversion table. This can create potential problems for Microsoft ODBC applications because they would treat U+2014 as an invalid code point. To avoid these potential problems, you need to replace the default IBM conversion table from CCSID 943 to Unicode with the alternate Microsoft conversion table provided by the DB2 database manager.

The use of the alternate Microsoft conversion tables between CCSID 943 and Unicode should be restricted to closed environments, where the DB2 clients and the DB2 databases that are running CCSID 943 and are all using the same alternate Microsoft conversion tables. If you have a DB2 client using the default IBM conversion tables and another client using the alternate Microsoft conversion tables, and both clients are inserting data to the same DB2 database of CCSID 943, the same character may be stored as different code points in the database.

## Replacing the Unicode conversion table for CCSID 943 with the Microsoft conversion table

When you convert between coded character set identifier (CCSID) 943 and Unicode, the DB2 Database for Linux, UNIX, and Windows database manager

default code page conversion tables are used. If you want to use a different version of the conversion tables, such as the Microsoft version, you must manually override the default conversion tables.

If the code page conversion table file you want to override already exists in the conv subdirectory of the sqllib directory, you should back up that file in case you want to revert to the default table.

For conversion table replacement to be effective, the conversion table on the database server and all of its clients must be changed.

To replace the DB2 default conversion tables for converting between CCSID 943 and Unicode, follow these steps:

1. When replacing conversion tables on the client, stop all the applications that are using the database. If you have any CLP sessions running, issue the TERMINATE command for each session. When replacing conversion tables on the database server, stop all instances on all nodes by issuing the db2stop command.
2. Copy sqllib/conv/ms/0943ucs2.csv to sqllib/conv/0943ucs2.csv.
3. Copy sqllib/conv/ms/ucs20943.csv to sqllib/conv/ucs20943.csv.
4. Restart all the applications.

---

## Alternative Unicode conversion table for CCSID 954

There are several IBM coded character set identifiers (CCSIDs) for Japanese code pages. CCSID 954 is registered as the Japanese EUC code page. CCSID 954 is a common encoding for Japanese Linux and UNIX platforms. When using Microsoft ODBC applications to connect to a DB2 database using CCSID 954, you might encounter potential problems when converting data in CCSID 954 to Unicode. The problems are the result of differences between IBM's code page conversion table and Microsoft's code page conversion table.

The following list of characters, when converted from CCSID 954 to Unicode, will result in different code points depending on which conversion table (IBM or Microsoft) is used. For these characters, the IBM conversion table conforms to the character names as specified in the Japanese Industry Standard (JIS) JISX0208, JISX0212, and JISX0221.

*Table 73. CCSID 954 to Unicode code point conversion*

EUC-JP code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'A1BD' (EM Dash)	U+2014 (EM Dash)	U+2015 (Horizontal Bar)
X'A1C1' (Wave Dash)	U+301C (Wave Dash)	U+FF5E (Fullwidth Tilde)
X'A1C2' (Double vertical line)	U+2016 (Double vertical line)	U+2225 (Parallel To)
X'A1DD' (Minus sign)	U+2212 (Minus sign)	U+FF0D (Fullwidth hyphen-minus)
X'8FA2C3' (Broken bar)	U+00A6 (Broken bar)	U+FFE4 (Fullwidth broken bar)

For example, the character EM dash with the CCSID 954 code point of X'A1BD' is converted to the Unicode code point U+2014 when using the IBM conversion table, but is converted to U+2015 when using the Microsoft conversion table. This can

create potential problems for Microsoft ODBC applications because they would treat U+2014 as an invalid code point. To avoid these potential problems, you need to replace the default IBM conversion table from CCSID 954 to Unicode with the alternate Microsoft conversion table provided by the DB2 database manager.

## Replacing the Unicode conversion table for CCSID 954 with the Microsoft conversion table

When you convert from coded character set identifier (CCSID) 954 to Unicode, the DB2 database manager default code page conversion table is used. If you want to use a different version of the conversion table such as the Microsoft version, you must manually override the default conversion table.

If the code page conversion table file you want to override already exists in the conv subdirectory of the sqllib directory, you should back up that file in case you want to revert to the default table.

For conversion table replacement to be effective, every DB2 client that connects to the same database must have its conversion table changed. If your client is Japanese Windows whose ANSI code page is Shift-JIS (CCSID 943), you will also need to change the default conversion tables between CCSID 943 and Unicode to the Microsoft version. Otherwise, the different clients might store the same character using different code points.

To replace the DB2 default conversion table for converting from CCSID 954 to Unicode, follow these steps:

1. When replacing conversion tables on the client, stop all the applications that are using the database. If you have any CLP sessions running, issue the TERMINATE command for each session. When replacing conversion tables on the database server, stop all instances on all nodes by issuing the db2stop command.
2. Copy sqllib/conv/ms/0954ucs2.cnv to sqllib/conv/0954ucs2.cnv.
3. Restart all the applications.

---

## Alternative Unicode conversion table for CCSID 5026

There are several IBM coded character set identifiers (CCSIDs) for Japanese code pages. CCSID 5026 is registered as a Japanese EBCDIC code page. When using Microsoft ODBC applications to connect to a DB2 host database of CCSID 5026, you might encounter potential problems when converting data in CCSID 5026 to Unicode. The problems are the result of differences between IBM's code page conversion table and Microsoft's code page conversion table. The following list of characters, when converted from CCSID 5026 to Unicode, will result in different code points depending on which conversion table (IBM or Microsoft) is used. For these characters, the IBM conversion table conforms to the character names as specified in the Japanese Industry Standard (JIS) JISX0208, JISX0212, and JISX0221.

*Table 74. CCSID 5026 to Unicode code point conversion*

EBCDIC code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'444A' (EM Dash)	U+2014 (EM Dash)	U+2015 (Horizontal Bar)
X'43A1' (Wave Dash)	U+301C (Wave Dash)	U+FF5E (Fullwidth Tilde)
X'447C' (Double vertical line)	U+2016 (Double vertical line)	U+2225 (Parallel To)

Table 74. CCSID 5026 to Unicode code point conversion (continued)

EBCDIC code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'4260' (Minus sign)	U+2212 (Minus sign)	U+FF0D (Fullwidth hyphen-minus)
X'426A' (Broken bar)	U+00A6 (Broken bar)	U+FFE4 (Fullwidth broken bar)

For example, the character EM dash with the CCSID 5026 code point of X'444A' is converted to the Unicode code point U+2014 when using the IBM conversion table, but is converted to U+2015 when using the Microsoft conversion table. This can create potential problems for Microsoft ODBC applications because they would treat U+2014 as an invalid code point. To avoid these potential problems, you need to replace the default IBM conversion table from CCSID 5026 to Unicode with the alternate Microsoft conversion table provided by the DB2 database manager.

## Replacing the Unicode conversion table for CCSID 5026 with the Microsoft conversion table

When you convert from coded character set identifier (CCSID) 5026 to Unicode, the DB2 database manager default code page conversion table is used. If you want to use a different version of the conversion table such as the Microsoft version, you must manually override the default conversion table.

If the code page conversion table file you want to override already exists in the *conv* subdirectory of the *sqllib* directory, you should back up that file in case you want to revert to the default table.

For conversion table replacement to be effective, every DB2 client that connects to the same database must have its conversion table changed.

This Microsoft conversion table is only for data encoded in CCSID 5026 or 930, and cannot be used for data encoded in CCSID 1390. Since the DB2 database manager uses the same conversion table for data encoded in CCSIDs 5026, 930, and 1390, this means that once the default IBM conversion table has been replaced with the Microsoft conversion table, you should not select any data that is encoded in CCSID 1390.

Activating this alternate Microsoft conversion table does not change the code page conversion behavior of graphic data encoded in 5026 to Unicode. To enable graphic data encoded in 5026 conversion to Unicode using the alternate Microsoft conversion table, you must also copy the file *sqllib/conv/ms/0939ucs2.cnv* to *sqllib/conv/1399ucs2.cnv* in addition to the procedure outlined below. Once you complete these steps, the conversion of both character data and graphic data to Unicode from the following CCSIDs will also use the Microsoft conversion table: 5026, 930, 1390, 5035, 939, and 1399.

To replace the DB2 default conversion table for converting from CCSID 5026 to Unicode, follow these steps:

1. When replacing conversion tables on the client, stop all the applications that are using the database. If you have any CLP sessions running, issue the TERMINATE command for each session.
2. Copy *sqllib/conv/ms/0930ucs2.cnv* to *sqllib/conv/1390ucs2.cnv*.
3. Restart all of the applications.

## Alternative Unicode conversion table for CCSID 5035

There are several IBM coded character set identifiers (CCSIDs) for Japanese code pages. CCSID 5035 is registered as a Japanese EBCDIC code page. When using Microsoft ODBC applications to connect to a DB2 host database of CCSID 5035, you might encounter potential problems when converting data in CCSID 5035 to Unicode. The problems are the result of differences between IBM's code page conversion table and Microsoft's code page conversion table.

The following list of characters, when converted from CCSID 5035 to Unicode, will result in different code points depending on which conversion table (IBM or Microsoft) is used. For these characters, the IBM conversion table conforms to the character names as specified in the Japanese Industry Standard (JIS) JISX0208, JISX0212, and JISX0221.

*Table 75. CCSID 5035 to Unicode code point conversion*

EBCDIC code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'444A' (EM Dash)	U+2014 (EM Dash)	U+2015 (Horizontal Bar)
X'43A1' (Wave Dash)	U+301C (Wave Dash)	U+FF5E (Fullwidth Tilde)
X'447C' (Double vertical line)	U+2016 (Double vertical line)	U+2225 (Parallel To)
X'4260' (Minus sign)	U+2212 (Minus sign)	U+FF0D (Fullwidth hyphen-minus)
X'426A' (Broken bar)	U+00A6 (Broken bar)	U+FFE4 (Fullwidth broken bar)

For example, the character EM dash with the CCSID 5035 code point of X'444A' is converted to the Unicode code point U+2014 when using the IBM conversion table, but is converted to U+2015 when using the Microsoft conversion table. This can create potential problems for Microsoft ODBC applications because they would treat U+2014 as an invalid code point. To avoid these potential problems, you need to replace the default IBM conversion table from CCSID 5035 to Unicode with the alternate Microsoft conversion table provided by the DB2 database manager.

## Replacing the Unicode conversion table for CCSID 5035 with the Microsoft conversion table

When you convert from coded character set identifier (CCSID) 5035 to Unicode, the DB2 database manager default code page conversion table is used. If you want to use a different version of the conversion table such as the Microsoft version, you must manually override the default conversion table.

If the code page conversion table file you want to override already exists in the conv subdirectory of the sqlib directory, you should back up that file in case you want to revert to the default table.

For conversion table replacement to be effective, every DB2 client that connects to the same database must have its conversion table changed.

This Microsoft conversion table is only for data encoded in CCSID 5039 or 939, and cannot be used for data encoded in CCSID 1399. Since the DB2 database manager uses the same conversion table for data encoded in CCSIDs 5035, 939, and 1399,

this means that once the default IBM conversion table has been replaced with the Microsoft conversion table, you should not select any data that is encoded in CCSID 1399.

Once you have replaced the default IBM conversion table with the Microsoft conversion table, the conversion of graphic data to Unicode from the following CCSIDs will also use this Microsoft conversion table: 930, 1390, 939, and 1399.

To replace the DB2 default conversion table for converting from CCSID 5035 to Unicode, follow these steps:

1. When replacing conversion tables on the client, stop all the applications that are using the database. If you have any CLP sessions running, issue the TERMINATE command for each session.
2. Copy sqllib/conv/ms/0939ucs2.cnv to sqllib/conv/1399ucs2.cnv.
3. Restart all the applications.

---

## Alternative Unicode conversion table for CCSID 5039

There are several IBM coded character set identifiers (CCSIDs) for Japanese code pages. CCSID 943 is registered as the Microsoft Japanese Windows Shift-JIS code page. However, the Shift-JIS code page on the HP-UX platform is registered as CCSID 5039. CCSID 5039 contains only Japanese Industry Standard (JIS) characters, and does not have any vendor-defined characters. When using Microsoft ODBC applications, you might encounter potential problems when converting data in CCSID 5039 to Unicode. The problems are the result of differences between IBM's code page conversion table and Microsoft's code page conversion table.

The following list of characters, when converted from CCSID 5039 to Unicode, will result in different code points depending on which conversion table (IBM or Microsoft) is used. For these characters, the IBM conversion table conforms to the character names as specified in the Japanese Industry Standard (JIS) JISX0208, and JISX0221.

*Table 76. CCSID 5039 to Unicode code point conversion*

Shift-JIS code point (character name)	IBM primary code point (Unicode name)	Microsoft primary code point (Unicode name)
X'815C' (EM Dash)	U+2014 (EM Dash)	U+2015 (Horizontal Bar)
X'8160' (Wave Dash)	U+301C (Wave Dash)	U+FF5E (Fullwidth Tilde)
X'8161' (Double vertical line)	U+2016 (Double vertical line)	U+2225 (Parallel To)
X'817C' (Minus sign)	U+2212 (Minus sign)	U+FF0D (Fullwidth hyphen-minus)

For example, the character EM dash with the CCSID 5039 code point of X'815C' is converted to the Unicode code point U+2014 when using the IBM conversion table, but is converted to U+2015 when using the Microsoft conversion table. This can create potential problems for Microsoft ODBC applications because they would treat U+2014 as an invalid code point. To avoid these potential problems, you need to replace the default IBM conversion table from CCSID 5039 to Unicode with the alternate Microsoft conversion table provided by the DB2 database manager.

## **Replacing the Unicode conversion table for CCSID 5039 with the Microsoft conversion table**

When you convert from coded character set identifier (CCSID) 5039 to Unicode, the DB2 database manager default code page conversion table is used. If you want to use a different version of the conversion table such as the Microsoft version, you must manually override the conversion table.

If the code page conversion table file you want to override already exists in the conv subdirectory of the sqllib directory, you should back up that file in case you want to revert to the default table.

For conversion table replacement to be effective, every DB2 client that connects to the same database must have its conversion table changed.

To replace the DB2 default conversion table for converting from CCSID 5039 to Unicode, follow these steps:

1. When replacing conversion tables on the client, stop all the applications that are using the database. If you have any CLP sessions running, issue the TERMINATE command for each session.
2. Copy sqllib/conv/ms/5039ucs2.cnv to sqllib/conv/5039ucs2.cnv.
3. Restart all the applications.

---

## **Installing the previous tables for converting between code page 1394 and Unicode**

The conversion tables for code page 1394 (also known as Shift JIS X0213) and Unicode were enhanced in DB2 Version 8. The enhancement ensures that the conversion between Japanese Shift JIS X0213 (1394) and Unicode conforms to the final ISO/IEC 10646-1:2000 Amendment 1 for JIS X0213 characters. The previous version of the conversion tables is available via FTP from <ftp://ftp.software.ibm.com/ps/products/db2/info/vr8/conv/>.

To install the previous definitions for converting between Shift JIS X0213 and Unicode:

1. Stop the DB2 Database for Linux, UNIX, and Windows instance.
2. Access the anonymous FTP server.
  - Point your Web browser to [ftp://ftp.software.ibm.com/ps/products/db2/info/vr8/conv/](http://ftp.software.ibm.com/ps/products/db2/info/vr8/conv/).
  - Use FTP to connect to the ftp.software.ibm.com site.
    - a. Log in by entering anonymous as your user ID and your e-mail address as your password.
    - b. After logging in, change to the conversion tables directory:  
cd ps/products/db2/info/vr8/conv
3. Copy the two files, 1394ucs4.cnv and ucs41394.cnv, in binary form to your sqllib/conv/ directory.
4. Restart the DB2 instance.

---

## **Part 6. Japanese and Traditional Chinese EUC and UCS-2 code set considerations**

Extended UNIX Code (EUC) denotes a set of general encoding rules that can support from one to four character sets in Linux and UNIX operating environments. The encoding rules are based on the ISO 2022 definition for encoding 7-bit and 8-bit data in which control characters are used to separate some of the character sets. A code set based on EUC conforms to the EUC encoding rules, but also identifies the specific character sets associated with the specific instances. For example, the IBM-eucJP code set for Japanese refers to the encoding of the Japanese Industrial Standard characters according to the EUC encoding rules.

Database and client application support for graphic (pure double-byte character) data, while running under EUC code pages with character encoding that is greater than two bytes in length is limited. The DB2 products implement strict rules for graphic data that require all characters to be exactly two bytes wide. These rules do not allow many characters from both the Japanese and Traditional Chinese EUC code pages. To overcome this situation, support is provided at both the application level and the database level to represent Japanese and Traditional Chinese EUC graphic data using another encoding scheme.

A database created under either Japanese or Traditional Chinese EUC code pages will actually store and manipulate graphic data using the Unicode UCS-2 code set, a double-byte encoding scheme that is a proper subset of the full Unicode character repertoire. Similarly, an application running under those code pages will send graphic data to the database server as UCS-2 encoded data. With this support, applications running under EUC code pages can access the same types of data as those running under DBCS code pages. The IBM-defined code page identifier associated with UCS-2 is 1200, and the CCSID number for the same code page is 13488. Graphic data in an eucJP or eucTW database uses the CCSID number 13488. In a Unicode database, use CCSID 1200 for GRAPHIC data.

DB2 database system supports all the Unicode characters that can be encoded using UCS-2, but does not perform any composition, decomposition, or normalization of characters. More information about the Unicode standard can be found at the Unicode Consortium web site, [www.unicode.org](http://www.unicode.org), and from the latest edition of the Unicode Standard book published by Addison Wesley Longman, Inc.

If you are working with applications or databases using these character sets you might need to consider dealing with UCS-2 encoded data. When converting UCS-2 graphic data to the application's EUC code page, there is the possibility of an increase in the length of data. When large amounts of data are being displayed, it might be necessary to allocate buffers, convert, and display the data in a series of fragments.

The following sections discuss how to handle data in this environment. For these sections, the term EUC is used to refer only to Japanese and Traditional Chinese EUC character sets. Note that the discussions do not apply to DB2 Korean or Simplified-Chinese EUC support, because graphic data in these character sets is represented using the EUC encoding.



---

## Chapter 31. Mixed EUC and double-byte client and database considerations

The administration of database objects in mixed EUC and double-byte code page environments is complicated by the possible expansion or contraction in the length of object names as a result of conversions between the client and database code page. In particular, many administrative commands and utilities have documented limits to the lengths of character strings that they can take as input or output parameters. These limits are typically enforced at the client, unless documented otherwise. For example, the limit for a table name is 128 bytes. It is possible that a character string that is 128 bytes under a double-byte code page is larger, say 135 bytes, under an EUC code page. This hypothetical 135-byte table name would be considered invalid by such commands as REORGANIZE TABLE if used as an input parameter, despite being valid in the target double-byte database. Similarly, the maximum permitted length of output parameters might be exceeded, after conversion, from the database code page to the application code page. This might cause either a conversion error or output data truncation to occur.

If you expect to use administrative commands and utilities extensively in a mixed EUC and double-byte environment, you should define database objects and their associated data with the possibility of length expansion past the supported limits. Administering an EUC database from a double-byte client imposes fewer restrictions than administering a double-byte database from an EUC client. Double-byte character strings typically are equal or shorter than the corresponding EUC character string. This characteristic will generally lead to fewer problems caused by enforcing the character string length limits.

**Note:** In the case of SQL statements, validation of input parameters is not conducted until the entire statement has been converted to the database code page. Thus you can use character strings that might be technically longer than allowed when represented in the client code page, but which meet length requirements when represented in the database code page.



---

## Chapter 32. Graphic data in Japanese or Traditional Chinese EUC applications

The information that follows describes EUC application development considerations for graphic data, including graphic constants, graphic data in UDFs, stored procedures, DBCLOB files, and collation:

- Graphic constants

Graphic constants, or literals, are actually classified as mixed character data, as they are part of an SQL statement. Any graphic constants in an SQL statement from a Japanese or Traditional Chinese EUC client are implicitly converted to the graphic encoding by the database server. You can use graphic literals that are composed of EUC encoded characters in your SQL applications. An EUC database server will convert these literals to the graphic database code set, which will be UCS-2. Graphic constants from EUC clients should never contain single-width characters, such as CS0 7-bit ASCII characters or Japanese EUC CS2 (Katakana) characters.

- UDFs

UDFs are invoked at the database server, and are meant to deal with data encoded in the same code set as the database. In the case of databases running under the Japanese or Traditional Chinese code set, mixed character data is encoded using the EUC code set under which the database is created. Graphic data is encoded using UCS-2. UDFs need to recognize and handle graphic data that is encoded with UCS-2.

For example, assume that you create a UDF called VARCHAR, and the UDF converts a graphic string to a mixed character string. The VARCHAR function has to convert a graphic string encoded as UCS-2 to an EUC representation if the database is created under the EUC code set.

- Stored procedures

A stored procedure running under a Japanese or a Traditional Chinese EUC code set must be able to recognize and handle graphic data that is encoded using UCS-2. With these code sets, graphic data that is either received or returned through the stored procedure's input/output SQLDA is encoded using UCS-2.

- DBCLOB files

The important considerations for DBCLOB files are:

- The DBCLOB file data is assumed to be in the EUC code page of the application. For EUC DBCLOB files, data is converted to UCS-2 at the client on read, and from UCS-2 at the client on write.
- The number of bytes read or written at the server is returned in the data length field of the file reference variable. The number of bytes is based on the number of UCS-2 encoded characters that are either read from or written to the file. The number of bytes actually read from or written to the file might be larger than the server writes in the data length field.

- Collation

Graphic data is sorted in binary sequence. Mixed data is sorted in the collating sequence of the database applied on each byte. Because of the possible difference in the ordering of characters in an EUC code set and a DBCS code set for the same country or region, different results might be obtained when the same data is sorted in an EUC database and in a DBCS database.



---

## Chapter 33. Client-based parameter validation in a mixed code set environment

An important side effect of potential character data expansion or contraction between the client and server involves the validation of data passed between the client application and the database server. In an unequal code page situation, it is possible that data determined to be valid at the client is actually invalid at the database server after code page conversion. Conversely, data that is invalid at the client might be valid at the database server after conversion.

Any end-user application or API library has the potential of not being able to handle all possibilities in an unequal code page situation. In addition, while some parameter validation, such as string length, is performed at the client for commands and APIs, the tokens within SQL statements are not verified until they have been converted to the database's code page. This verification can lead to situations where it is possible to use an SQL statement in an unequal code page environment to access a database object, such as a table, but it will not be possible to access the same object using a particular command or API.

Consider an application that returns data contained in a table provided by an end-user, and checks that the table name is not greater than 128 bytes long. Now consider the following scenarios for this application:

1. A DBCS database is created. From a DBCS client, a table (t1) is created with a table name which is 128 bytes long. The table name includes several characters which would be greater than two bytes in length if the string is converted to EUC, resulting in the EUC representation of the table name being a total of 131 bytes in length. Because there is no expansion for DBCS to DBCS connections, the table name is 128 bytes in the database environment, and the CREATE TABLE is successful.
2. An EUC client connects to the DBCS database. It creates a table (t2) with a table name that is 120 bytes long when encoded as EUC, and 100 bytes long when converted to DBCS. The table name in the DBCS database is 100 bytes. The CREATE TABLE is successful.
3. The EUC client creates a table (t3) with a table name that is 64 EUC characters in length (131 bytes). When this name is converted to DBCS, its length shrinks to the 128-byte limit. The CREATE TABLE is successful.
4. The EUC client invokes the application against the each of the tables (t1, t2, and t3) in the DBCS database, which results in:

**Table Result**

- |           |   |
|-----------|---|
| <b>t1</b> | The application considers the table name invalid because it is 131 bytes long.  |
| <b>t2</b> | Displays correct results  |
| <b>t3</b> | The application considers the table name invalid because it is 131 bytes long.  |
| 5.        | The EUC client is used to query the DBCS database from the CLP. Although the table name is 131 bytes long on the client, the queries are successful because the table name is 128 bytes long at the server. |



---

## Chapter 34. DESCRIBE statement in mixed code set environments

A DESCRIBE performed against an EUC database will return information about mixed character and GRAPHIC columns based on the definition of these columns in the database. This information is based on code page of the server before it is converted to the client's code page.

When you perform a DESCRIBE against a select list item that is resolved in the application context (for example VALUES SUBSTR(?,1,2)) then, for any character or graphic data involved, you should evaluate the returned SQLLEN value along with the returned code page. If the returned code page is the same as the application code page, there is no expansion. If the returned code page is the same as the database code page, expansion is possible. Select list items that are FOR BIT DATA (code page 0) or in the application code page are not converted when returned to the application, therefore there is no expansion or contraction of the reported length.

Considerations are different for an EUC application accessing a DBCS database as compared to a DBCS application accessing an EUC database:

- EUC application accessing a DBCS database

If your application's code page is an EUC code page, and it issues a DESCRIBE against a database with a DBCS code page, the information returned for CHAR and GRAPHIC columns is returned in the database context. For example, a CHAR(5) column returned as part of a DESCRIBE has a value of five for the SQLLEN field. In the case of non-EUC data, you allocate five bytes of storage when you fetch the data from this column. With EUC data, this might not be the case. When the code page conversion from DBCS to EUC takes place, there can be an increase in the length of the data due to the different encoding used for characters for CHAR columns. For example, with the Traditional Chinese character set, the maximum increase is double. That is, the maximum character length in the DBCS encoding is two bytes, which might increase to a maximum character length of four bytes in EUC. For the Japanese code set, the maximum increase is also double. Note, however, that while the maximum character length in Japanese DBCS is two bytes, it can increase to a maximum character length in Japanese EUC of three bytes. Although this increase appears to be only by a factor of 1.5, the single-byte Katakana characters in Japanese DBCS are only one byte in length, while they are two bytes in length in Japanese EUC.

Possible changes in data length as a result of character conversions apply only to mixed character data. Graphic character data encoding is always the same length, two bytes, regardless of the encoding scheme. To avoid losing the data, you need to evaluate whether an unequal code page situation exists, and whether or not it is between an EUC application and a DBCS database. You can determine the database code page and the application code page from tokens in the SQLCA returned from a CONNECT statement. If such a situation exists, your application needs to allocate additional storage for mixed character data based on the maximum expansion factor for that encoding scheme.

- DBCS application accessing an EUC database

If your application code page is a DBCS code page and issues a DESCRIBE against an EUC database, the situation is similar to that in which an EUC application accesses a DBCS database. However, in this situation your

application might require less storage than is indicated by the value of the SQLLEN field. The worst case in this situation is that all of the data is single-byte or double-byte under EUC, meaning that exactly SQLLEN bytes are required under the DBCS encoding scheme. In any other situation, less than SQLLEN bytes are required because a maximum of two bytes is required to store any EUC character.

---

## Chapter 35. Fixed-length and variable-length data in mixed code set environments

Due to the possible change in length of strings when conversions occur between DBCS and EUC code pages, you should consider not using fixed-length data types. Depending on whether you require blank padding, you should consider changing the SQLTYPE from a fixed-length character string to a variable-length character string after performing the DESCRIBE. For example, if an EUC to DBCS connection is informed of a maximum expansion factor of two for a CHAR(5) column, the application should allocate ten bytes.

If the SQLTYPE is fixed-length, the EUC application will receive the column as an EUC data stream converted from the DBCS data (which itself may have up to five bytes of trailing blank pads) with further blank padding if the code page conversion does not cause the data element to grow to its maximum size. If the SQLTYPE is variable-length, the original meaning of the content of the CHAR(5) column is preserved, however, the source five bytes may have a target of between five and ten bytes. Similarly, in the case of possible data shrinkage (DBCS application and EUC database), you should consider working with variable-length data types.

An alternative to either allocating extra space or promoting the data type is to select the data in fragments. For example, to select the same VARCHAR(3000), which may be up to 6 000 bytes in length after the conversion, you could perform two selects, SUBSTR(VC3000, 1, LENGTH(VC3000)/2) and SUBSTR(VC3000, (LENGTH(VC3000)/2)+1), separately into 2 VARCHAR(3000) application areas. This method is the only possible solution when the data type is no longer promotable. For example, a CLOB encoded in the Japanese DBCS code page with the maximum length of 2 gigabytes is possibly up to twice that size when encoded in the Japanese EUC code page. This means that the data will have to be broken up into fragments, because there is no support for a data type in excess of 2 gigabytes in length.



---

## **Chapter 36. Japanese and traditional-Chinese extended UNIX code (EUC) considerations**

Extended UNIX Code (EUC) for Japanese and Traditional-Chinese defines a set of encoding rules that can support from 1 to 4 character sets. In some cases, such as Japanese EUC (eucJP) and Traditional-Chinese EUC (eucTW), a character may be encoded using more than two bytes. Use of such an encoding scheme has implications when used as the code page of the database server or the database client. The key considerations involve the following:

- Expansion or contraction of strings when converting between EUC code pages and double-byte code pages
- Use of Universal Character Set-2 (UCS-2) as the code page for graphic data stored in a database server defined with the eucJP (Japanese) or eucTW (Traditional-Chinese) code pages.

With the exception of these considerations, the use of EUC is consistent with the double-byte character set (DBCS) support. References to *double-byte* have been changed to *multibyte* to reflect support for encoding rules that allow for character representations requiring more than 2 bytes. Detailed considerations for support of Japanese and Traditional-Chinese EUC are included here. This information should be considered by anyone using SQL with an EUC database server or an EUC database client, and used in conjunction with application development information.

### **Characters**

Each multibyte character is considered a *letter* with the exception of the double-byte blank character which is considered a *special character*.

### **Tokens**

multibyte lowercase alphabetic letters are not folded to uppercase. This differs from the single byte lowercase alphabetic letters in tokens which are generally folded to uppercase.

### **SQL identifiers**

Conversion between a double-byte code page and an EUC code page may result in the conversion of double-byte characters to multibyte characters encoded with more than 2 bytes. As a result, an identifier that fits the length maximum in the double-byte code page may exceed the length in the EUC code page. Selecting identifiers for this type of environment must be done carefully to avoid expansion beyond the maximum identifier length.

### **Character strings**

In an MBCS database, character strings may contain a mixture of characters from a single-byte character set (SBCS) and from multibyte character sets (MBCS). When using such strings, operations may provide different results if they are character based (treat the data as characters) or byte based (treat the data as bytes). Check the function or operation description to determine how mixed strings are processed.

## Graphic strings

A graphic string is defined as a sequence of double-byte character data. In order to allow Japanese or Traditional-Chinese EUC data to be stored in graphic columns, EUC characters are encoded in UCS-2. Characters that are not double-byte characters under all supported encoding schemes (for example, PC or EBCDIC DBCS) should not be used with graphic columns. The results of using other than double-byte characters may result in replacement by substitution characters during conversion. Retrieval of such data will not return the same value as was entered.

## String assignments

Conversion of a string is performed prior to the assignment. In cases involving an eucJP/eucTW code page and a DBCS code page, a character string may become longer (DBCS to eucJP/eucTW) or shorter (eucJP/eucTW to DBCS). This may result in errors on storage assignment and truncation on retrieval assignment. When the error on storage assignment is due to expansion during conversion, SQLSTATE 22524 is returned instead of SQLSTATE 22001.

Similarly, assignments involving graphic strings may result in the conversion of a UCS-2 encoded double-byte character to a substitution character in a PC or EBCDIC DBCS code page for characters that do not have a corresponding double-byte character. Assignments that replace characters with substitution characters will indicate this by setting the SQLWARN10 field of the SQLCA to 'W'.

In cases of truncation during retrieval assignment involving multibyte character strings, the point of truncation may be part of a multibyte character. In this case, each byte of the character fragment is replaced with a single-byte blank. This means that more than one single-byte blank may appear at the end of a truncated character string.

## String comparisons

String comparisons are performed on a byte basis. Character strings also use the collating sequence defined for the database. Graphic strings do not use the collating sequence and, in an eucJP or eucTW database, are encoded using UCS-2. Thus, the comparison of two mixed character strings may have a different result from the comparison of two graphic strings even though they contain the same characters. Similarly, the resulting sort order of a mixed character column and a graphic column may be different.

## Rules for result data types

The resulting data type for character strings is not affected by the possible expansion of the string. For example, a union of two CHAR operands will still be a CHAR. However, if one of the character string operands will be converted such that the maximum expansion makes the length attribute the largest of the two operands, then the resulting character string length attribute is affected. For example, consider the result expressions of a CASE expression that have data types of VARCHAR(100) and VARCHAR(120). Assume the VARCHAR(100) expression is a mixed string host variable (that may require conversion) and the VARCHAR(120) expression is a column in the eucJP database. The resulting data type is VARCHAR(200) since the VARCHAR(100) is doubled to allow for possible conversion. The same scenario without the involvement of an eucJP or eucTW database would have a result type of VARCHAR(120).

Notice that the doubling of the host variable length is based on the fact that the database server is Japanese EUC or Traditional-Chinese EUC. Even if the client is also eucJP or eucTW, the doubling is still applied. This allows the same application package to be used by double-byte or multibyte clients.

## Rules for string conversions

The types of operations listed in the corresponding section of the SQL Reference may convert operands to either the application or the database code page.

If such operations are done in a mixed code page environment that includes Japanese or Traditional-Chinese EUC, expansion or contraction of mixed character string operands can occur. Therefore, the resulting data type has a length attribute that accommodates the maximum expansion, if possible. In cases where there are restrictions on the length attribute of the data type, the maximum allowed length for the data type is used. For example in an environment where maximum growth is double, a VARCHAR(200) host variable is treated as if it is a VARCHAR(400), but CHAR(200) host variable is treated as if it is a CHAR(254). A run-time error may occur when conversion is performed if the converted string would exceed the maximum length for the data type. For example, the union of CHAR(200) and CHAR(10) would have a result type of CHAR(254). If more than 254 bytes are required when the value from the left side of the UNION is converted, an error is returned.

In some cases, allowing for the maximum growth for conversion will cause the length attribute to exceed a limit. For example, UNION only allows columns up to 254 bytes. Thus, a query with a union that included a host variable in the column list (call it :hv1) that was a DBCS mixed character string defined as a varying length character string 128 bytes long, would set the data type to VARCHAR(256) resulting in an error preparing the query, even though the query in the application does not appear to have any columns greater than 254. In a situation where the actual string is not likely to cause expansion beyond 254 bytes, the following can be used to prepare the statement.

```
SELECT CAST(:hv1 CONCAT ' AS VARCHAR(254)), C2 FROM T1  
UNION  
SELECT C1, C2 FROM T2
```

The concatenation of the null string with the host variable will force the conversion to occur before the cast is done. This query can be prepared in the DBCS to eucJP/eucTW environment although a truncation error may occur at run time.

This technique (null string concat with cast) can be used to handle the similar 254-byte limit for SELECT DISTINCT or use of the column in ORDER BY or GROUP BY clauses.

## Graphic string constants

Japanese or Traditional-Chinese EUC client, may contain single or multibyte characters (like a mixed character string). The string should not contain more than 2000 bytes. It is recommended that only characters that convert to double-byte characters in all related PC and EBCDIC double-byte code pages be used in graphic constants. A graphic string constant in an SQL statement is converted from the client code page to the double-byte encoding at the database server. For a Japanese or Traditional-Chinese EUC server, the constant is converted to UCS-2, the double-byte encoding used for graphic strings. For a double-byte server, the

constant is converted from the client code page to the DBCS code page of the server.

## Functions

The design of user-defined functions should consider the impact of supporting Japanese or Tradition-Chinese EUC on the parameter data types. One part of function resolution considers the data types of the arguments to a function call. Mixed character string arguments involving a Japanese or Traditional-Chinese EUC client may require additional bytes to specify the argument. This may require that the data type change to allow the increased length. For example, it may take 4001 bytes to represent a character string in the application (a LONG VARCHAR) that fits into a VARCHAR(4000) string at the server. If a function signature is not included that allows the argument to be a LONG VARCHAR, function resolution will fail to find a function.

Some functions exist that do not allow long strings for various reasons. Use of LONG VARCHAR or CLOB arguments with such functions will not succeed. For example, LONG VARCHAR as the second argument of the built-in POSSTR function, will fail function resolution (SQLSTATE 42884).

## Expressions with the concatenation operator

The potential expansion of one of the operands of concatenation may cause the data type and length of concatenated operands to change when in an environment that includes a Japanese or Traditional-Chinese EUC database server. For example, with an EUC server where the value from a host variable may double in length, consider the following example.

```
CHAR200 CONCAT :char50
```

The column *CHAR200* is of type CHAR(200). The host variable *char50* is defined as CHAR(50). The result type for this concatenation operation would normally be CHAR(250). However, given an eucJP or eucTW database server, the assumption is that the string may expand to double the length. Hence *char50* is treated as a CHAR(100) and the resulting data type is VARCHAR(300). Note that even though the result is a VARCHAR, it will always have 300 bytes of data including trailing blanks. If the extra trailing blanks are not desired, define the host variable as VARCHAR(50) instead of CHAR(50).

## LIKE predicate

For a LIKE predicate involving mixed character strings in an EUC database:

- An SBCS halfwidth underscore character refers to one SBCS character.
- A non-SBCS fullwidth underscore character refers to one non-SBCS character.
- An SBCS halfwidth or non-SBCS fullwidth percent sign character refers to zero or more SBCS or non-SBCS characters.

The escape character must be one SBCS or non-SBCS character. In a character column, the escape character can also be a binary string containing exactly one byte.

Note that use of the underscore character may produce different results, depending on the code page of the LIKE operation. For example, Katakana characters in Japanese EUC are multibyte characters (CS2) but in the Japanese DBCS code page they are single-byte characters. A query with the single-byte underscore in the *pattern-expression* would return occurrences of Katakana character in the position of

the underscore from a Japanese DBCS server. However, the same rows from the equivalent table in a Japanese EUC server would not be returned, since the Katakana characters will only match with a double-byte underscore.

For a LIKE predicate involving graphic strings in an EUC database:

- A fullwidth underscore character (U+FF3F) refers to one Unicode character.
- A fullwidth percent sign character (U+FF05) refers to zero or more Unicode characters.

## LENGTH function

The processing of this function is no different for mixed character strings in an EUC environment. The value returned is the length of the string in the code page of the argument. As of Version 8, if the argument is a host variable, the value returned is the length of the string in the database code page. When using this function to determine the length of a value, careful consideration should be given to how the length is used. This is especially true for mixed string constants since the length is given in bytes, not characters. For example, the length of a mixed string column in a DBCS database returned by the LENGTH function may be less than the length of the retrieved value of that column on an eucJP or eucTW client due to the conversion of some DBCS characters to multibyte eucJP or eucTW characters.

## SUBSTR function

The SUBSTR function operates on mixed character strings on a byte basis. The resulting string may therefore include fragments of multibyte characters at the beginning or end of the resulting string. No processing is provided to detect or process fragments of characters.

## TRANSLATE function

The TRANSLATE function supports mixed character strings including multibyte characters. The corresponding characters of the *to-string-exp* and the *from-string-exp* must have the same number of bytes and cannot end with part of a multibyte character.

The *pad-char-exp* must result in a single-byte character when the *char-string-exp* is a character string. Since TRANSLATE is performed in the code page of the *char-string-exp*, the *pad-char-exp* may be converted from a multibyte character to a single-byte character.

A *char-string-exp* that ends with part of a multibyte character will not have those bytes translated.

## VARGRAPHIC function

The VARGRAPHIC function on a character string operand in a Japanese or Traditional-Chinese EUC code page returns a graphic string in the UCS-2 code page.

- Single-byte characters are converted first to their corresponding double-byte character in the code set to which they belong (eucJP or eucTW). Then they are converted to the corresponding UCS-2 representation. If there is no double-byte

representation, the character is converted to the double-byte substitution character defined for that code set before being converted to UCS-2 representation.

- Characters from eucJP that are Katakana (eucJP CS2) are actually single byte characters in some encoding schemes. They are thus converted to corresponding double-byte characters in eucJP or to the double-byte substitution character before converting to UCS-2.
- multibyte characters are converted to their UCS-2 representations.

## **CONNECT statement**

The processing of a successful CONNECT statement returns information in the SQLCA that is important when the possibility exists for applications to process data in an environment that includes a Japanese or Traditional-Chinese EUC code page at the client or server. The *SQLERRD(1)* field gives the maximum expansion of a mixed character string when converted from the application code page to the database code page. The *SQLERRD(2)* field gives the maximum expansion of a mixed character string when converted from the database code page to the application code page. The value is positive if expansion could occur and negative if contraction could occur. If the value is negative, the value is always -1 since the worst case is that no contraction occurs and the full length of the string is required after conversion. Positive values may be as large as 2, meaning that in the worst case, double the string length may be required for the character string after conversion.

The code page of the application server and the application client are also available in the *SQLERRMC* field of the SQLCA.

## **PREPARE statement**

The data types determined for untyped parameter markers are not changed in an environment that includes Japanese or Traditional-Chinese EUC. As a result, it may be necessary in some cases to use typed parameter markers to provide sufficient length for mixed character strings in eucJP or eucTW. For example, consider an insert to a CHAR(10) column. Preparing the statement:

```
INSERT INTO T1 (CH10) VALUES (?)
```

would result in a data type of CHAR(10) for the parameter marker. If the client was eucJP or eucTW, more than 10 bytes may be required to represent the string to be inserted but the same string in the DBCS code page of the database is not more than 10 bytes. In this case, the statement to prepare should include a typed parameter marker with a length greater than 10. Thus, preparing the statement:

```
INSERT INTO T1 (CH10) VALUES (CAST(?) AS VARCHAR(20))
```

would result in a data type of VARCHAR(20) for the parameter marker.

---

## **Chapter 37. Windows clients connecting to code page 950 databases**

Starting in DB2 Version 9.5, Windows clients that have installed the Microsoft Hong Kong Supplementary Character Set 2001 (HKSCS-2001) package will no longer be able to connect to code page 950 databases by default.

The Microsoft HKSCS-2001 package changes the internal code page of the client to 1375, but reports the code page of the client as 950.

The DB2 client detects whether this package is installed on the Windows workstation. If it is installed, the DB2 client will treat the Windows workstation as code page 1375. To allow a Windows DB2 client to connect to a code page 950 database, set the DB2CODEPAGE registry variable to 950 on the Windows client, by issuing the db2set DB2CODEPAGE=950 command.

If you have multiple Windows clients, you must set the DB2CODEPAGE registry variable on all of your clients.

If you set DB2CODEPAGE registry variable at the instance level on a client machine, it will affect all applications running on that client machine. Applications must be restarted for the DB2CODEPAGE setting to take effect.

For more information about the HKSCS, see the Government of the Hong Kong Special Administrative Region web site at <http://www.info.gov.hk/digital21/eng/hkscs/>. For more information about the Microsoft HKSCS-2001 package, see <http://www.microsoft.com/hk/hkscs/>.



---

## Chapter 38. Converting a code page 950 database containing HKSCS data to a Unicode database

The DB2 database manager does not support storing HKSCS (Hong Kong Supplementary Character Set) data in a code page 950 database. HKSCS data is supported by using a Unicode database. HKSCS data may have inadvertently been stored into a code page 950 database through a Windows client. The following steps provide a guideline to converting such a 950 database to a Unicode database.

### Before you begin

You must use a code page 950 client for the first step of this procedure. Using a code page 950 client ensures that no code page conversion is done on the data and any HKSCS-2004 data remains intact. To set your client code page to 950, set the DB2CODEPAGE registry variable to 950 and execute the TERMINATE command.

### About this task

The generic method for converting databases to Unicode, described in the section "Converting non-Unicode databases to Unicode databases" cannot be used in this scenario, because that procedure uses the db2move command and the IXF file format. The procedure described here requires the DEL file format.

When converting a large database, load performance may be an issue. See the "DB2 Universal Database Version 8 Loader Performance" white paper at [ftp://ftp.software.ibm.com/software/data/pubs/papers/loaderperf.pdf](http://ftp.software.ibm.com/software/data/pubs/papers/loaderperf.pdf). For information about the DB2 High Performance Unload (HPU) utility, see <http://www.ibm.com/software/data/db2imstools/db2tools/db2hpu/>.

### Procedure

1. Using a code page 950 client, connect to the code page 950 database and export your data from the code page 950 database to a DEL file. Repeat the export operation for all user-created tables in the code page 950 database.

```
connect to 950db
export to table1.del of del modified by lobsinfile select * from table1
export to table2.del of del modified by lobsinfile select * from table2
...
```

2. Generate a DDL script for your existing code page 950 database using the db2look command:

```
db2look -d 950db -e -o unidb.ddl -l -x -f
```

In this example, 950db is the existing database name and *unidb.ddl* is the file name for the generated DDL script. The *-l* option generates DDL for user defined table spaces, database partition groups and buffer pools; the *-x* option generates authorization DDL; and the *-f* option generates an update command for database configuration parameters.

3. Create the Unicode database:

```
create database unidb using codeset UTF-8 territory HK
```

4. Edit the *unidb.ddl* script and change all occurrences of the database name to the new Unicode database name. You may also need to increase column lengths as expansion may occur during code page conversion. Character data may expand by up to 3 times the original size. Graphic data may expand by up to 2

times the original size. To keep the existing code page 950 database, you must also change the file name specification for table spaces in the unidb.ddl file.

5. Connect to the Unicode database and recreate your database structure by running the DDL script that you edited:

```
connect to unidb  
db2 -tvf unidb.ddl
```

6. Load or import your data into the new Unicode database.

- Load your data into the new Unicode database using the load command with modified by codepage=1375 option. This will cause the load command to treat your DEL file as code page 1375 data and to convert it to Unicode data. You can use a client with any code page for this step, because the load utility connects directly to the database and is not affected by the client's code page.

```
load from table1.del of del modified by codepage=1375 modified by lobsinfile  
      insert into table1  
load from table2.del of del modified by codepage=1375 modified by lobsinfile  
      insert into table2  
...
```

- Import your data into the new Unicode database using the import command with modified by codepage=1375 option. This will cause the import command to treat your DEL file as code page 1375 data and to convert it to Unicode data.

```
import from table1.del of del modified by codepage=1375 modified by lobsinfile  
      insert into table1  
import from table2.del of del modified by codepage=1375 modified by lobsinfile  
      insert into table2  
...
```

---

## Part 7. Enabling support for bidirectional scripts

Bidirectional layout transformations are implemented in DB2 Database for Linux, UNIX, and Windows using the new Coded Character Set Identifier (CCSID) definitions. For the new bidirectional-specific CCSIDs, layout transformations are performed instead of, or in addition to, code page conversions. To use this support, the DB2BIDI registry variable must be set to YES. By default, this variable is not set. It is used by the server for all conversions, and can only be set when the server is started. Setting DB2BIDI to YES may have some performance impact because of additional checking and layout transformations.

The following restrictions apply:

- If you select a CCSID that is not appropriate for the code page or string type of your client platform, you may get unexpected results. If you select an incompatible CCSID (for example, the Latin-1 CCSID for connection to an Arabic database), or if DB2BIDI has not been set for the server, you will receive an error message when you try to connect.
- The DB2 Command Line Processor on the Windows operating system does not have bidirectional support.
- CCSID override is not supported for cases where the HOST EBCDIC platform is the client, and DB2 Database is the server.

When converting from one Arabic CCSID to another Arabic CCSID, DB2 employs the following logic to deshape (or expand) the lam-alef ligature. Deshaping will occur when the Text Shaping attribute of the source Arabic CCSID is shaped but the Text Shaping attribute of the target Arabic CCSID is unshaped.

The logic to deshape the lam-alef ligature is:

1. If the *last* character of the data stream is a blank character, then every character after the lam-alef ligature will be shifted to the end of the data stream, therefore making available an empty position for the current lam-alef ligature to be deshaped (expanded) into its two constituent characters: lam and alef.
2. Otherwise, if the *first* character of the data stream is a blank character, then every character before the lam-alef ligature will be shifted to the beginning of the data stream, therefore making available an empty position for the current lam-alef ligature to be deshaped (expanded) into its two constituent characters: lam and alef.
3. Otherwise, there is no blank character at the beginning and end of the data stream, and the lam-alef ligature cannot be deshaped. If the target CCSID does have the lam-alef ligature, then the lam-alef ligature remains as is; otherwise, the lam-alef ligature is replaced by the target CCSID's SUBstitution character.

Conversely when converting from an Arabic CCSID whose Text Shaping attribute is unshaped to an Arabic CCSID whose Text Shaping attribute is shaped, the source lam and alef characters will be contracted to one ligature character, and a blank character is inserted at the end of the target area data stream.

To specify a particular bidirectional CCSID in a non-DRDA environment:

1. Ensure the DB2BIDI registry variable is set to YES.
2. Select the CCSID that matches the characteristics of your client, and set DB2CODEPAGE to that value.

3. If you already have a connection to the database, you must issue a TERMINATE command, and then reconnect to allow the new setting for DB2CODEPAGE to take effect.

For DRDA<sup>®</sup> environments, if the HOST EBCDIC platform also supports these bidirectional CCSIDs, you only need to set the DB2CODEPAGE value. Note that you must not further specify the same CCSID on the BIDI parameter in the PARMS field of the DCS database directory entry for the server database, otherwise an extra bidi layout conversion would occur, and render any Arabic data to be incorrectly reversed. However, if the HOST platform does not support these CCSIDs, you must also specify a CCSID override for the HOST database server to which you are connecting. This is accomplished through the use of the BIDI parameter in the PARMS field of the DCS database directory entry for the server database. The override is necessary because, in a DRDA environment, code page conversions and layout transformations are performed by the receiver of data. However, if the HOST server does not support these bidirectional CCSIDs, it does not perform layout transformation on the data that it receives from DB2. If you use a CCSID override, the DB2 client performs layout transformation on the outbound data as well.

---

## Chapter 39. Bidirectional-specific CCSIDs

The following bidirectional attributes are required for correct handling of bidirectional data on different platforms:

- Text type
- Numeric shaping
- Orientation
- Text shaping
- Symmetric swapping

Because default values on different platforms are not the same, problems can occur when DB2 data is moved from one platform to another. For example, the Windows operating system uses LOGICAL UNSHAPED data, while z/OS and OS/390® usually use SHAPED VISUAL data. Therefore, without support for bidirectional attributes, data sent from DB2 for z/OS to DB2 on Windows 32-bit operating systems may display incorrectly.

DB2 Database for Linux, UNIX, and Windows supports bidirectional data attributes through special bidirectional Coded Character Set Identifiers (CCSIDs). The following bidirectional CCSIDs have been defined and are implemented with DB2 as shown in Table 77. CDRA string types are defined as shown in Table 78 on page 167.

*Table 77. Bidirectional CCSIDs*

CCSID	Code Page	String Type
420	420	4
424	424	4
856	856	5
862	862	4
864	864	5
867	862	4
916	916	5
1046	1046	5
1089	1089	5
1200	1200	10
1208	1208	10
1255	1255	5
1256	1256	5
5351	1255	5
5352	1256	5
8612	420	5
8616	424	10
9048	856	5
9238	1046	5
12712	424	4

*Table 77. Bidirectional CCSIDs (continued)*

CCSID	Code Page	String Type
13488	13488	10
16804	420	4
17248	864	5
62208	856	4
62209	862	10
62210	916	4
62211	424	5
62213	862	5
62215	1255	4
62218	864	4
62220	856	6
62221	862	6
62222	916	6
62223	1255	6
62224	420	6
62225	864	6
62226	1046	6
62227	1089	6
62228	1256	6
62229	424	8
62230	856	8
62231	862	8
62232	916	8
62233	420	8
62234	420	9
62235	424	6
62236	856	10
62237	1255	8
62238	916	10
62239	1255	10
62240	424	11
62241	856	11
62242	862	11
62243	916	11
62244	1255	11
62245	424	10
62246	1046	8
62247	1046	9
62248	1046	4
62249	1046	12

*Table 77. Bidirectional CCSIDs (continued)*

CCSID	Code Page	String Type
62250	420	12

*Table 78. CDRA string types*

String type	Text type	Numeric shaping	Orientation	Text shaping	Symmetrical swapping
4	Visual	Passthrough	LTR	Shaped	Off
5	Implicit	Arabic	LTR	Unshaped	On
6	Implicit	Arabic	RTL	Unshaped	On
7*	Visual	Passthrough	Contextual <sup>1</sup>	Unshaped ligature	Off
8	Visual	Passthrough	RTL	Shaped	Off
9	Visual	Passthrough	RTL	Shaped	On
10	Implicit	Arabic	Contextual LTR	Unshaped	On
11	Implicit	Arabic	Contextual RTL	Unshaped	On
12	Implicit	Arabic	RTL	Shaped	Off

1. String orientation is left-to-right (LTR) when the first alphabetic character is a Latin character, and right-to-left (RTL) when it is an Arabic or Hebrew character. Characters are unshaped, but LamAlef ligatures are kept and are not broken into constituents.



---

## Chapter 40. Bidirectional support with DB2 Connect

When data is exchanged between DB2 Connect and a database on the server, it is usually the receiver that performs conversion on the incoming data. The same convention would normally apply to bidirectional layout transformations, and is in addition to the usual code page conversion. DB2 Connect has the optional ability to perform bidirectional layout transformation on data it is about to send to the server database, in addition to data received from the server database.

In order for DB2 Connect to perform bidirectional layout transformation on outgoing data for a server database, the bidirectional CCSID of the server database must be overridden. This is accomplished through the use of the BIDI parameter in the PARMS field of the DCS database directory entry for the server database.

**Note:** If you want DB2 Connect to perform layout transformation on the data it is about to send to the DB2 host or System i database, even though you do not have to override its CCSID, you must still add the BIDI parameter to the PARMS field of the DCS database directory. In this case, the CCSID that you should provide is the default DB2 host or System i database CCSID.

The BIDI parameter is to be specified as the ninth parameter in the PARMS field, along with the bidirectional CCSID with which you want to override the default server database bidirectional CCSID:

",,,,,,BIDI=xyz"

where xyz is the CCSID override.

**Note:** The registry variable DB2BIDI must be set to YES for the BIDI parameter to take effect.

The use of this feature is best described with an example.

Suppose you have a Hebrew DB2 client running CCSID 62213 (bidirectional string type 5), and you want to access a DB2 host or System i database running CCSID 00424 (bidirectional string type 4). However, you know that the data contained in the DB2 host or System i database is based on CCSID 08616 (bidirectional string type 6).

There are two problems here: The first is that the DB2 host or System i database does not know the difference in the bidirectional string types with CCSIDs 00424 and 08616. The second problem is that the DB2 host or System i database does not recognize the DB2 client CCSID (62213). It only supports CCSID 00862, which is based on the same code page as CCSID 62213.

You will need to ensure that data sent to the DB2 host or System i database is in bidirectional string type 6 format to begin with, and also let DB2 Connect know that it has to perform bidirectional transformation on data it receives from the DB2 host or System i database. You will need to use following catalog command for the DB2 host or System i database:

```
db2 catalog dcs database nydb1 as telaviv parms ",,,,,,BIDI=08616"
```

This command tells DB2 Connect to override the DB2 host or System i database CCSID of 00424 with 08616. This override includes the following processing:

1. DB2 Connect connects to the DB2 host or System i database using CCSID 00862.
2. DB2 Connect performs bidirectional layout transformation on the data it is about to *send* to the DB2 host or System i database. The transformation is from CCSID 62213 (bidirectional string type 5) to CCSID 62221 (bidirectional string type 6).
3. DB2 Connect performs bidirectional layout transformation on data it *receives* from the DB2 host or System i database. This transformation is from CCSID 08616 (bidirectional string type 6) to CCSID 62213 (bidirectional string type 5).

**Note:** In some cases, use of a bidirectional CCSID may cause the SQL query itself to be modified in such a way that it is not recognized by the DB2 server.

Specifically, you should avoid using IMPLICIT CONTEXTUAL and IMPLICIT RIGHT-TO-LEFT CCSIDs when a different string type can be used. CONTEXTUAL CCSIDs can produce unpredictable results if the SQL query contains quoted strings. Avoid using quoted strings in SQL statements; use host variables whenever possible.

If a specific bidirectional CCSID is causing problems that cannot be rectified by following these recommendations, set DB2BIDI to NO.

---

## **Part 8. Appendixes**



---

## Appendix A. System and language-aware collation tables

The default DB2 database collation is SYSTEM. It sorts the items in either ascending or descending order, based on the single weight preassigned to each character.

Starting in Version 9.5, DB2 supports a new set of language-aware collations for the Unicode databases. These collations emulate the ordering behavior of the earlier non-Unicode SYSTEM collations. This allows you to move your existing non-Unicode databases to Unicode and still maintain the current database ordering.

The following tables list the ordering of all the single-byte code points of each non-Unicode code page, along with their Unicode equivalents in UCS-2BE and UTF-8 encodings.

---

### Code page 437, Generic (SYSTEM\_437)

This is the collation table for code page 437 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_437\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents*

Code page 437	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'85'	X'00E0'	X'C3A0'
X'83'	X'00E2'	X'C3A2'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'8E'	X'00C4'	X'C384'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00EB'	X'C3AB'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'8D'	X'00EC'	X'C3AC'
X'8C'	X'00EE'	X'C3AE'
X'8B'	X'00EF'	X'C3AF'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'95'	X'00F2'	X'C3B2'
X'93'	X'00F4'	X'C3B4'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'97'	X'00F9'	X'C3B9'
X'96'	X'00FB'	X'C3BB'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'

*Table 79. Characters in code page 437 in ascending sort order and their Unicode equivalents (continued)*

Code page 437	UCS-2BE	UTF-8
X'5A'	X'005A'	X'5A'

---

## Code page 437, Denmark (SYSTEM\_437\_DK)

This is the collation table for code page 437 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_437\_DK collation.

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK*

Code page 437	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'FO'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'85'	X'00E0'	X'C3A0'
X'83'	X'00E2'	X'C3A2'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'8A'	X'00E8'	X'C3A8'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00EB'	X'C3AB'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'8D'	X'00EC'	X'C3AC'
X'8C'	X'00EE'	X'C3AE'
X'8B'	X'00EF'	X'C3AF'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'95'	X'00F2'	X'C3B2'
X'93'	X'00F4'	X'C3B4'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'

*Table 80. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 437	UCS-2BE	UTF-8
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'97'	X'00F9'	X'C3B9'
X'96'	X'00FB'	X'C3BB'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'

---

## Code page 437, Finland and Sweden (SYSTEM\_437\_FI and SYSTEM\_437\_SE)

This is the collation table for code page 437 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_437\_FI or SYSTEM\_437\_SE collation.

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'85'	X'00E0'	X'C3A0'
X'83'	X'00E2'	X'C3A2'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00EB'	X'C3AB'
X'66'	X'0066'	X'66'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'8D'	X'00EC'	X'C3AC'
X'8C'	X'00EE'	X'C3AE'
X'8B'	X'00EF'	X'C3AF'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'95'	X'00F2'	X'C3B2'
X'93'	X'00F4'	X'C3B4'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'

*Table 81. Characters in code page 437 for territories FI and SE in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 437 for territories FI and SE</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'97'	X'00F9'	X'C3B9'
X'96'	X'00FB'	X'C3BB'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'

---

## **Code page 437, Iceland (SYSTEM\_437\_IS)**

This is the collation table for code page 437 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_437\_IS collation.

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS*

<b>Code page 437</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'85'	X'00E0'	X'C3A0'
X'83'	X'00E2'	X'C3A2'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'A0'	X'00E1'	X'C3A1'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8A'	X'00E8'	X'C3A8'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00EB'	X'C3AB'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'8D'	X'00EC'	X'C3AC'
X'8C'	X'00EE'	X'C3AE'
X'8B'	X'00EF'	X'C3AF'
X'A1'	X'00ED'	X'C3AD'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'95'	X'00F2'	X'C3B2'
X'93'	X'00F4'	X'C3B4'
X'A2'	X'00F3'	X'C3B3'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'97'	X'00F9'	X'C3B9'

*Table 82. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 437	UCS-2BE	UTF-8
X'96'	X'00FB'	X'C3BB'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'A3'	X'00FA'	X'C3BA'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'

---

## Code page 437, Norway (SYSTEM\_437\_NO)

This is the collation table for code page 437 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_437\_NO collation.

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO*

Code page 437	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'85'	X'00E0'	X'C3A0'
X'83'	X'00E2'	X'C3A2'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00EB'	X'C3AB'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'8D'	X'00EC'	X'C3AC'
X'8C'	X'00EE'	X'C3AE'
X'8B'	X'00EF'	X'C3AF'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'95'	X'00F2'	X'C3B2'
X'93'	X'00F4'	X'C3B4'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'97'	X'00F9'	X'C3B9'
X'96'	X'00FB'	X'C3BB'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'

*Table 83. Characters in code page 437 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 437	UCS-2BE	UTF-8
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'

---

## Code page 737, Generic (SYSTEM\_737)

This is the collation table for code page 737 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_737 collation.

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents*

Code page 737	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F6'	X'00F7'	X'C3B7'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'80'	X'0391'	X'CE91'
X'98'	X'03B1'	X'CEB1'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'EA'	X'0386'	X'CE86'
X'E1'	X'03AC'	X'CEAC'
X'81'	X'0392'	X'CE92'
X'99'	X'03B2'	X'CEB2'
X'82'	X'0393'	X'CE93'
X'9A'	X'03B3'	X'CEB3'
X'83'	X'0394'	X'CE94'
X'9B'	X'03B4'	X'CEB4'
X'84'	X'0395'	X'CE95'
X'9C'	X'03B5'	X'CEB5'
X'EB'	X'0388'	X'CE88'
X'E2'	X'03AD'	X'CEAD'
X'85'	X'0396'	X'CE96'
X'9D'	X'03B6'	X'CEB6'
X'86'	X'0397'	X'CE97'
X'9E'	X'03B7'	X'CEB7'
X'EC'	X'0389'	X'CE89'
X'E3'	X'03AE'	X'CEAE'
X'87'	X'0398'	X'CE98'
X'9F'	X'03B8'	X'CEB8'
X'88'	X'0399'	X'CE99'
X'A0'	X'03B9'	X'CEB9'
X'ED'	X'038A'	X'CE8A'
X'E5'	X'03AF'	X'CEAF'
X'F4'	X'03AA'	X'CEAA'
X'E4'	X'03CA'	X'CF8A'
X'89'	X'039A'	X'CE9A'
X'A1'	X'03BA'	X'CEBA'
X'8A'	X'039B'	X'CE9B'
X'A2'	X'03BB'	X'CEBB'
X'8B'	X'039C'	X'CE9C'
X'A3'	X'03BC'	X'CEBC'
X'8C'	X'039D'	X'CE9D'
X'A4'	X'03BD'	X'CEBD'
X'8D'	X'039E'	X'CE9E'
X'A5'	X'03BE'	X'CEBE'
X'8E'	X'039F'	X'CE9F'
X'A6'	X'03BF'	X'CEBF'
X'EE'	X'038C'	X'CE8C'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'E6'	X'03CC'	X'CF8C'
X'8F'	X'03A0'	X'CEA0'
X'A7'	X'03C0'	X'CF80'
X'90'	X'03A1'	X'CEA1'
X'A8'	X'03C1'	X'CF81'
X'91'	X'03A3'	X'CEA3'
X'A9'	X'03C3'	X'CF83'
X'AA'	X'03C2'	X'CF82'
X'92'	X'03A4'	X'CEA4'
X'AB'	X'03C4'	X'CF84'
X'93'	X'03A5'	X'CEA5'
X'AC'	X'03C5'	X'CF85'
X'EF'	X'038E'	X'CE8E'
X'E7'	X'03CD'	X'CF8D'
X'F5'	X'03AB'	X'CEAB'
X'E8'	X'03CB'	X'CF8B'
X'94'	X'03A6'	X'CEA6'
X'AD'	X'03C6'	X'CF86'
X'95'	X'03A7'	X'CEA7'
X'AE'	X'03C7'	X'CF87'
X'96'	X'03A8'	X'CEA8'
X'AF'	X'03C8'	X'CF88'
X'97'	X'03A9'	X'CEA9'
X'EO'	X'03C9'	X'CF89'
X'F0'	X'038F'	X'CE8F'
X'E9'	X'03CE'	X'CF8E'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'

*Table 84. Characters in code page 737 in ascending sort order and their Unicode equivalents (continued)*

Code page 737	UCS-2BE	UTF-8
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'

## Code page 806, Generic (SYSTEM\_806)

This is the collation table for code page 806 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_806 collation.

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents*

Code page 806	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'001A'	X'1A'
X'96'	X'001A'	X'1A'
X'97'	X'001A'	X'1A'
X'98'	X'001A'	X'1A'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'99'	X'001A'	X'1A'
X'9A'	X'001A'	X'1A'
X'9B'	X'001A'	X'1A'
X'9C'	X'001A'	X'1A'
X'9D'	X'001A'	X'1A'
X'9E'	X'001A'	X'1A'
X'9F'	X'001A'	X'1A'
X'A0'	X'001A'	X'1A'
X'D9'	X'001A'	X'1A'
X'EB'	X'001A'	X'1A'
X'EC'	X'001A'	X'1A'
X'ED'	X'001A'	X'1A'
X'EE'	X'001A'	X'1A'
X'EF'	X'001A'	X'1A'
X'F0'	X'001A'	X'1A'
X'FB'	X'001A'	X'1A'
X'FC'	X'001A'	X'1A'
X'FD'	X'001A'	X'1A'
X'FE'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'95'	X'250C'	X'E2948C'
X'89'	X'252C'	X'E294AC'
X'86'	X'2510'	X'E29490'
X'8A'	X'251C'	X'E2949C'
X'8C'	X'253C'	X'E294BC'
X'81'	X'2524'	X'E294A4'
X'87'	X'2514'	X'E29494'
X'88'	X'2534'	X'E294B4'
X'94'	X'2518'	X'E29498'
X'80'	X'2502'	X'E29482'
X'8B'	X'2500'	X'E29480'
X'8E'	X'2554'	X'E29594'
X'90'	X'2566'	X'E295A6'
X'84'	X'2557'	X'E29597'
X'91'	X'2560'	X'E295A0'
X'93'	X'256C'	X'E295AC'
X'82'	X'2563'	X'E295A3'
X'8D'	X'255A'	X'E2959A'
X'8F'	X'2569'	X'E295A9'
X'85'	X'255D'	X'E2959D'
X'83'	X'2551'	X'E29591'
X'92'	X'2550'	X'E29590'
X'EA'	X'0964'	X'E0A5A4'
X'30'	X'0030'	X'30'
X'F1'	X'0966'	X'E0A5A6'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'31'	X'0031'	X'31'
X'F2'	X'0967'	X'E0A5A7'
X'32'	X'0032'	X'32'
X'F3'	X'0968'	X'E0A5A8'
X'33'	X'0033'	X'33'
X'F4'	X'0969'	X'E0A5A9'
X'34'	X'0034'	X'34'
X'F5'	X'096A'	X'E0A5AA'
X'35'	X'0035'	X'35'
X'F6'	X'096B'	X'E0A5AB'
X'36'	X'0036'	X'36'
X'F7'	X'096C'	X'E0A5AC'
X'37'	X'0037'	X'37'
X'F8'	X'096D'	X'E0A5AD'
X'38'	X'0038'	X'38'
X'F9'	X'096E'	X'E0A5AE'
X'39'	X'0039'	X'39'
X'FA'	X'096F'	X'E0A5AF'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A4'	X'0905'	X'E0A485'
X'A5'	X'0906'	X'E0A486'
X'A6'	X'0907'	X'E0A487'
X'A7'	X'0908'	X'E0A488'
X'A8'	X'0909'	X'E0A489'
X'A9'	X'090A'	X'E0A48A'
X'AA'	X'090B'	X'E0A48B'
X'AE'	X'090D'	X'E0A48D'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'AB'	X'090E'	X'E0A48E'
X'AC'	X'090F'	X'E0A48F'
X'AD'	X'0910'	X'E0A490'
X'B2'	X'0911'	X'E0A491'
X'AF'	X'0912'	X'E0A492'
X'B0'	X'0913'	X'E0A493'
X'B1'	X'0914'	X'E0A494'
X'B3'	X'0915'	X'E0A495'
X'B4'	X'0916'	X'E0A496'
X'B5'	X'0917'	X'E0A497'
X'B6'	X'0918'	X'E0A498'
X'B7'	X'0919'	X'E0A499'
X'B8'	X'091A'	X'E0A49A'
X'B9'	X'091B'	X'E0A49B'
X'BA'	X'091C'	X'E0A49C'
X'BB'	X'091D'	X'E0A49D'
X'BC'	X'091E'	X'E0A49E'
X'BD'	X'091F'	X'E0A49F'
X'BE'	X'0920'	X'E0A4A0'
X'BF'	X'0921'	X'E0A4A1'
X'C0'	X'0922'	X'E0A4A2'
X'C1'	X'0923'	X'E0A4A3'
X'C2'	X'0924'	X'E0A4A4'
X'C3'	X'0925'	X'E0A4A5'
X'C4'	X'0926'	X'E0A4A6'
X'C5'	X'0927'	X'E0A4A7'
X'C6'	X'0928'	X'E0A4A8'
X'C7'	X'0929'	X'E0A4A9'
X'C8'	X'092A'	X'E0A4AA'
X'C9'	X'092B'	X'E0A4AB'
X'CA'	X'092C'	X'E0A4AC'
X'CB'	X'092D'	X'E0A4AD'
X'CC'	X'092E'	X'E0A4AE'
X'CD'	X'092F'	X'E0A4AF'
X'CF'	X'0930'	X'E0A4B0'
X'D0'	X'0931'	X'E0A4B1'
X'D1'	X'0932'	X'E0A4B2'
X'D2'	X'0933'	X'E0A4B3'
X'D3'	X'0934'	X'E0A4B4'

*Table 85. Characters in code page 806 in ascending sort order and their Unicode equivalents (continued)*

Code page 806	UCS-2BE	UTF-8
X'D4'	X'0935'	X'E0A4B5'
X'D5'	X'0936'	X'E0A4B6'
X'D6'	X'0937'	X'E0A4B7'
X'D7'	X'0938'	X'E0A4B8'
X'D8'	X'0939'	X'E0A4B9'
X'CE'	X'095F'	X'E0A59F'
X'E9'	X'093C'	X'E0A4BC'
X'A1'	X'0901'	X'E0A481'
X'A2'	X'0902'	X'E0A482'
X'A3'	X'0903'	X'E0A483'
X'E8'	X'094D'	X'E0A58D'
X'DA'	X'093E'	X'E0A4BE'
X'DB'	X'093F'	X'E0A4BF'
X'DC'	X'0940'	X'E0A580'
X'DD'	X'0941'	X'E0A581'
X'DE'	X'0942'	X'E0A582'
X'DF'	X'0943'	X'E0A583'
X'E3'	X'0945'	X'E0A585'
X'E0'	X'0946'	X'E0A586'
X'E1'	X'0947'	X'E0A587'
X'E2'	X'0948'	X'E0A588'
X'E7'	X'0949'	X'E0A589'
X'E4'	X'094A'	X'E0A58A'
X'E5'	X'094B'	X'E0A58B'
X'E6'	X'094C'	X'E0A58C'

---

## Code page 813, Generic (SYSTEM\_813)

This is the collation table for code page 813 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_813 collation.

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents*

Code page 813	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A4'	X'20AC'	X'E282AC'
X'A5'	X'001A'	X'1A'
X'AA'	X'001A'	X'1A'
X'AE'	X'001A'	X'1A'
X'D2'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'AF'	X'2015'	X'E28095'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'B5'	X'0385'	X'CE85'
X'7E'	X'007E'	X'7E'
X'B7'	X'0387'	X'CE87'
X'27'	X'0027'	X'27'
X'A1'	X'2018'	X'E28098'
X'A2'	X'2019'	X'E28099'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'A9'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BD'	X'00BD'	X'C2BD'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'C1'	X'0391'	X'CE91'
X'E1'	X'03B1'	X'CEB1'
X'B6'	X'0386'	X'CE86'
X'DC'	X'03AC'	X'CEAC'
X'C2'	X'0392'	X'CE92'
X'E2'	X'03B2'	X'CEB2'
X'C3'	X'0393'	X'CE93'
X'E3'	X'03B3'	X'CEB3'
X'C4'	X'0394'	X'CE94'
X'E4'	X'03B4'	X'CEB4'
X'C5'	X'0395'	X'CE95'
X'E5'	X'03B5'	X'CEB5'
X'B8'	X'0388'	X'CE88'
X'DD'	X'03AD'	X'CEAD'
X'C6'	X'0396'	X'CE96'
X'E6'	X'03B6'	X'CEB6'
X'C7'	X'0397'	X'CE97'
X'E7'	X'03B7'	X'CEB7'
X'B9'	X'0389'	X'CE89'
X'DE'	X'03AE'	X'CEAE'
X'C8'	X'0398'	X'CE98'
X'E8'	X'03B8'	X'CEB8'
X'C9'	X'0399'	X'CE99'
X'E9'	X'03B9'	X'CEB9'
X'BA'	X'038A'	X'CE8A'
X'DF'	X'03AF'	X'CEAF'
X'DA'	X'03AA'	X'CEAA'
X'FA'	X'03CA'	X'CF8A'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'C0'	X'0390'	X'CE90'
X'CA'	X'039A'	X'CE9A'
X'EA'	X'03BA'	X'CEBA'
X'CB'	X'039B'	X'CE9B'
X'EB'	X'03BB'	X'CEBB'
X'CC'	X'039C'	X'CE9C'
X'EC'	X'03BC'	X'CEBC'
X'CD'	X'039D'	X'CE9D'
X'ED'	X'03BD'	X'CEBD'
X'CE'	X'039E'	X'CE9E'
X'EE'	X'03BE'	X'CEBE'
X'CF'	X'039F'	X'CE9F'
X'EF'	X'03BF'	X'CEBF'
X'BC'	X'038C'	X'CE8C'
X'FC'	X'03CC'	X'CF8C'
X'D0'	X'03A0'	X'CEA0'
X'F0'	X'03C0'	X'CF80'
X'D1'	X'03A1'	X'CEA1'
X'F1'	X'03C1'	X'CF81'
X'D3'	X'03A3'	X'CEA3'
X'F3'	X'03C3'	X'CF83'
X'F2'	X'03C2'	X'CF82'
X'D4'	X'03A4'	X'CEA4'
X'F4'	X'03C4'	X'CF84'
X'D5'	X'03A5'	X'CEA5'
X'F5'	X'03C5'	X'CF85'
X'BE'	X'038E'	X'CE8E'
X'FD'	X'03CD'	X'CF8D'
X'DB'	X'03AB'	X'CEAB'
X'FB'	X'03CB'	X'CF8B'
X'E0'	X'03B0'	X'CEB0'
X'D6'	X'03A6'	X'CEA6'
X'F6'	X'03C6'	X'CF86'
X'D7'	X'03A7'	X'CEA7'
X'F7'	X'03C7'	X'CF87'
X'D8'	X'03A8'	X'CEA8'
X'F8'	X'03C8'	X'CF88'
X'D9'	X'03A9'	X'CEA9'
X'F9'	X'03C9'	X'CF89'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'BF'	X'038F'	X'CE8F'
X'FE'	X'03CE'	X'CF8E'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'53'	X'0053'	X'53'

*Table 86. Characters in code page 813 in ascending sort order and their Unicode equivalents (continued)*

Code page 813	UCS-2BE	UTF-8
X'73'	X'0073'	X'73'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'

---

## Code page 819, Generic (SYSTEM\_819)

This is the collation table for code page 819 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_819\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents*

Code page 819	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'

*Table 87. Characters in code page 819 in ascending sort order and their Unicode equivalents (continued)*

Code page 819	UCS-2BE	UTF-8
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 819, Denmark (SYSTEM\_819\_DK)

This is the collation table for code page 819 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_819\_DK collation.

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK*

Code page 819	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'

*Table 88. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 819	UCS-2BE	UTF-8
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

---

## Code page 819, Finland and Sweden (SYSTEM\_819\_FI and SYSTEM\_819\_SE)

This is the collation table for code page 819 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_819\_FI or SYSTEM\_819\_SE collation.

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE*

Code page 819	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'

*Table 89. Characters in code page 819 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 819	UCS-2BE	UTF-8
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

---

## Code page 819 and 923, Iceland (SYSTEM\_819\_IS and SYSTEM\_923\_IS)

This is the collation table for code page 819 and 923 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_819\_IS or SYSTEM\_923\_IS collation.

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS*

Code pages 819 and 923	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

<b>Code pages 819 and 923</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'

*Table 90. Characters in code pages 819 and 923 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code pages 819 and 923	UCS-2BE	UTF-8
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

---

## Code page 819, Norway (SYSTEM\_819\_NO)

This is the collation table for code page 819 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_819\_NO collation.

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO*

Code page 819	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'

*Table 91. Characters in code page 819 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 819	UCS-2BE	UTF-8
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

---

## Code page 850, Generic (SYSTEM\_850)

This is the collation table for code page 850 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_850\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents*

Code page 850	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9F'	X'0192'	X'C692'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D5'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2017'	X'E28097'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'D0'	X'00F0'	X'C3B0'
X'D1'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'8D'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'D8'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'
X'9B'	X'00F8'	X'C3B8'
X'9D'	X'00D8'	X'C398'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'E7'	X'00FE'	X'C3BE'
X'E8'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'98'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'

*Table 92. Characters in code page 850 in ascending sort order and their Unicode equivalents (continued)*

Code page 850	UCS-2BE	UTF-8
X'5A'	X'005A'	X'5A'

---

## Code page 850, Denmark (SYSTEM\_850\_DK)

This is the collation table for code page 850 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_850\_DK collation.

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK*

Code page 850	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9F'	X'0192'	X'C692'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D5'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2017'	X'E28097'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'D0'	X'00F0'	X'C3B0'
X'D1'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'8D'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'D8'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'E7'	X'00FE'	X'C3BE'
X'E8'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'

*Table 93. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 850	UCS-2BE	UTF-8
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'98'	X'00FF'	X'C3BF'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'9B'	X'00F8'	X'C3B8'
X'9D'	X'00D8'	X'C398'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'

---

## Code page 850, Finland and Sweden (SYSTEM\_850\_FI and SYSTEM\_850\_SE)

This is the collation table for code page 850 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_850\_FI or SYSTEM\_850\_SE collation.

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE*

<b>Code page 850</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9F'	X'0192'	X'C692'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D5'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2017'	X'E28097'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'D0'	X'00F0'	X'C3B0'
X'D1'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'8D'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'D8'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'E7'	X'00FE'	X'C3BE'
X'E8'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'

*Table 94. Characters in code page 850 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 850	UCS-2BE	UTF-8
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'98'	X'00FF'	X'C3BF'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'9B'	X'00F8'	X'C3B8'
X'9D'	X'00D8'	X'C398'

---

## Code page 850, Iceland (SYSTEM\_850\_IS)

This is the collation table for code page 850 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_850\_IS collation.

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS*

Code page 850	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9F'	X'0192'	X'C692'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D5'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2017'	X'E28097'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'D0'	X'00F0'	X'C3B0'
X'D1'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'45'	X'0045'	X'45'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'8D'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'D8'	X'00CF'	X'C38F'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'A7'	X'00BA'	X'C2BA'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'98'	X'00FF'	X'C3BF'

*Table 95. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 850	UCS-2BE	UTF-8
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E7'	X'00FE'	X'C3BE'
X'E8'	X'00DE'	X'C39E'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'9B'	X'00F8'	X'C3B8'
X'9D'	X'00D8'	X'C398'

---

## Code page 850, Norway (SYSTEM\_850\_NO)

This is the collation table for code page 850 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_850\_NO collation.

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO*

Code page 850	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9F'	X'0192'	X'C692'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'D5'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F2'	X'2017'	X'E28097'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'D0'	X'00F0'	X'C3B0'
X'D1'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'8D'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'D8'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'E7'	X'00FE'	X'C3BE'
X'E8'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'98'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'9B'	X'00F8'	X'C3B8'

*Table 96. Characters in code page 850 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 850	UCS-2BE	UTF-8
X'9D'	X'00D8'	X'C398'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'

---

## Code page 852, Generic (SYSTEM\_852)

This is the collation table for code page 852 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_852 collation.

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents*

Code page 852	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'AA'	X'20AC'	X'E282AC'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'F8'	X'00B0'	X'C2B0'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'F4'	X'02D8'	X'CB98'
X'5E'	X'005E'	X'5E'
X'F3'	X'02C7'	X'CB87'
X'F9'	X'00A8'	X'C2A8'
X'F1'	X'02DD'	X'CB9D'
X'7E'	X'007E'	X'7E'
X'FA'	X'02D9'	X'CB99'
X'F7'	X'00B8'	X'C2B8'
X'F2'	X'02DB'	X'CB9B'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F6'	X'00F7'	X'C3B7'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'C7'	X'0103'	X'C483'
X'C6'	X'0102'	X'C482'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'A5'	X'0105'	X'C485'
X'A4'	X'0104'	X'C484'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'86'	X'0107'	X'C487'
X'8F'	X'0106'	X'C486'
X'9F'	X'010D'	X'C48D'
X'AC'	X'010C'	X'C48C'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'44'	X'0044'	X'44'
X'D4'	X'010F'	X'C48F'
X'D2'	X'010E'	X'C48E'
X'D0'	X'0111'	X'C491'
X'D1'	X'0110'	X'C490'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'D8'	X'011B'	X'C49B'
X'B7'	X'011A'	X'C49A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'A9'	X'0119'	X'C499'
X'A8'	X'0118'	X'C498'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'92'	X'013A'	X'C4BA'
X'91'	X'0139'	X'C4B9'
X'96'	X'013E'	X'C4BE'
X'95'	X'013D'	X'C4BD'
X'88'	X'0142'	X'C582'
X'9D'	X'0141'	X'C581'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'E4'	X'0144'	X'C584'
X'E3'	X'0143'	X'C583'
X'E5'	X'0148'	X'C588'
X'D5'	X'0147'	X'C587'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'93'	X'00F4'	X'C3B4'
X'E2'	X'00D4'	X'C394'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'8B'	X'0151'	X'C591'
X'8A'	X'0150'	X'C590'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'EA'	X'0155'	X'C595'
X'E8'	X'0154'	X'C594'
X'FD'	X'0159'	X'C599'
X'FC'	X'0158'	X'C598'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'98'	X'015B'	X'C59B'
X'97'	X'015A'	X'C59A'
X'E7'	X'0161'	X'C5A1'
X'E6'	X'0160'	X'C5A0'
X'AD'	X'015F'	X'C59F'
X'B8'	X'015E'	X'C59E'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'

*Table 97. Characters in code page 852 in ascending sort order and their Unicode equivalents (continued)*

Code page 852	UCS-2BE	UTF-8
X'9C'	X'0165'	X'C5A5'
X'9B'	X'0164'	X'C5A4'
X'EE'	X'0163'	X'C5A3'
X'DD'	X'0162'	X'C5A2'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'85'	X'016F'	X'C5AF'
X'DE'	X'016E'	X'C5AE'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'FB'	X'0171'	X'C5B1'
X'EB'	X'0170'	X'C5B0'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EC'	X'00FD'	X'C3BD'
X'ED'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'AB'	X'017A'	X'C5BA'
X'8D'	X'0179'	X'C5B9'
X'A7'	X'017E'	X'C5BE'
X'A6'	X'017D'	X'C5BD'
X'BE'	X'017C'	X'C5BC'
X'BD'	X'017B'	X'C5BB'

---

## Code page 855, Generic (SYSTEM\_855)

This is the collation table for code page 855 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_855 collation.

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents*

Code page 855	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'20AC'	X'E282AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'FD'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'EF'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A0'	X'0430'	X'D0B0'
X'A1'	X'0410'	X'D090'
X'A2'	X'0431'	X'D0B1'
X'A3'	X'0411'	X'D091'
X'EB'	X'0432'	X'D0B2'
X'EC'	X'0412'	X'D092'
X'AC'	X'0433'	X'D0B3'
X'AD'	X'0413'	X'D093'
X'A6'	X'0434'	X'D0B4'
X'A7'	X'0414'	X'D094'
X'82'	X'0453'	X'D193'
X'83'	X'0403'	X'D083'
X'80'	X'0452'	X'D192'
X'81'	X'0402'	X'D082'
X'A8'	X'0435'	X'D0B5'
X'A9'	X'0415'	X'D095'
X'86'	X'0454'	X'D194'
X'87'	X'0404'	X'D084'
X'84'	X'0451'	X'D191'
X'85'	X'0401'	X'D081'
X'E9'	X'0436'	X'D0B6'
X'EA'	X'0416'	X'D096'
X'F3'	X'0437'	X'D0B7'
X'F4'	X'0417'	X'D097'
X'88'	X'0455'	X'D195'
X'89'	X'0405'	X'D085'
X'B7'	X'0438'	X'D0B8'
X'B8'	X'0418'	X'D098'
X'8A'	X'0456'	X'D196'
X'8B'	X'0406'	X'D086'
X'8C'	X'0457'	X'D197'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'8D'	X'0407'	X'D087'
X'BD'	X'0439'	X'D0B9'
X'BE'	X'0419'	X'D099'
X'8E'	X'0458'	X'D198'
X'8F'	X'0408'	X'D088'
X'C6'	X'043A'	X'D0BA'
X'C7'	X'041A'	X'D09A'
X'D0'	X'043B'	X'D0BB'
X'D1'	X'041B'	X'D09B'
X'90'	X'0459'	X'D199'
X'91'	X'0409'	X'D089'
X'D2'	X'043C'	X'D0BC'
X'D3'	X'041C'	X'D09C'
X'D4'	X'043D'	X'D0BD'
X'D5'	X'041D'	X'D09D'
X'92'	X'045A'	X'D19A'
X'93'	X'040A'	X'D08A'
X'D6'	X'043E'	X'D0BE'
X'D7'	X'041E'	X'D09E'
X'D8'	X'043F'	X'D0BF'
X'DD'	X'041F'	X'D09F'
X'E1'	X'0440'	X'D180'
X'E2'	X'0420'	X'D0A0'
X'E3'	X'0441'	X'D181'
X'E4'	X'0421'	X'D0A1'
X'E5'	X'0442'	X'D182'
X'E6'	X'0422'	X'D0A2'
X'96'	X'045C'	X'D19C'
X'97'	X'040C'	X'D08C'
X'94'	X'045B'	X'D19B'
X'95'	X'040B'	X'D08B'
X'E7'	X'0443'	X'D183'
X'E8'	X'0423'	X'D0A3'
X'98'	X'045E'	X'D19E'
X'99'	X'040E'	X'D08E'
X'AA'	X'0444'	X'D184'
X'AB'	X'0424'	X'D0A4'
X'B5'	X'0445'	X'D185'
X'B6'	X'0425'	X'D0A5'

*Table 98. Characters in code page 855 in ascending sort order and their Unicode equivalents (continued)*

Code page 855	UCS-2BE	UTF-8
X'A4'	X'0446'	X'D186'
X'A5'	X'0426'	X'D0A6'
X'FB'	X'0447'	X'D187'
X'FC'	X'0427'	X'D0A7'
X'9A'	X'045F'	X'D19F'
X'9B'	X'040F'	X'D08F'
X'F5'	X'0448'	X'D188'
X'F6'	X'0428'	X'D0A8'
X'F9'	X'0449'	X'D189'
X'FA'	X'0429'	X'D0A9'
X'9E'	X'044A'	X'D18A'
X'9F'	X'042A'	X'D0AA'
X'F1'	X'044B'	X'D18B'
X'F2'	X'042B'	X'D0AB'
X'ED'	X'044C'	X'D18C'
X'EE'	X'042C'	X'D0AC'
X'F7'	X'044D'	X'D18D'
X'F8'	X'042D'	X'D0AD'
X'9C'	X'044E'	X'D18E'
X'9D'	X'042E'	X'D0AE'
X'DE'	X'044F'	X'D18F'
X'E0'	X'042F'	X'D0AF'

---

## Code page 856, Generic (SYSTEM\_856)

This is the collation table for code page 856 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_856 collation.

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents*

Code page 856	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'9B'	X'001A'	X'1A'
X'9D'	X'001A'	X'1A'
X'9F'	X'20AA'	X'E282AA'
X'A0'	X'200E'	X'E2808E'
X'A1'	X'200F'	X'E2808F'
X'A2'	X'202A'	X'E280AA'
X'A3'	X'202B'	X'E280AB'
X'A4'	X'202D'	X'E280AD'
X'A5'	X'202E'	X'E280AE'
X'A6'	X'202C'	X'E280AC'
X'A7'	X'001A'	X'1A'
X'A8'	X'001A'	X'1A'
X'AD'	X'20AC'	X'E282AC'
X'B5'	X'001A'	X'1A'
X'B6'	X'001A'	X'1A'
X'B7'	X'001A'	X'1A'
X'C6'	X'001A'	X'1A'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'C7'	X'001A'	X'1A'
X'D0'	X'001A'	X'1A'
X'D1'	X'001A'	X'1A'
X'D2'	X'001A'	X'1A'
X'D3'	X'001A'	X'1A'
X'D4'	X'001A'	X'1A'
X'D5'	X'001A'	X'1A'
X'D6'	X'001A'	X'1A'
X'D7'	X'001A'	X'1A'
X'D8'	X'001A'	X'1A'
X'DE'	X'001A'	X'1A'
X'E0'	X'001A'	X'1A'
X'E1'	X'001A'	X'1A'
X'E2'	X'001A'	X'1A'
X'E3'	X'001A'	X'1A'
X'E4'	X'001A'	X'1A'
X'E5'	X'001A'	X'1A'
X'E7'	X'001A'	X'1A'
X'E8'	X'001A'	X'1A'
X'E9'	X'001A'	X'1A'
X'EA'	X'001A'	X'1A'
X'EB'	X'001A'	X'1A'
X'EC'	X'001A'	X'1A'
X'ED'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'F2'	X'2017'	X'E28097'
X'EE'	X'203E'	X'E280BE'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'FA'	X'2022'	X'E280A2'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'9E'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'05D0'	X'D790'
X'81'	X'05D1'	X'D791'
X'82'	X'05D2'	X'D792'
X'83'	X'05D3'	X'D793'
X'84'	X'05D4'	X'D794'
X'85'	X'05D5'	X'D795'
X'86'	X'05D6'	X'D796'
X'87'	X'05D7'	X'D797'
X'88'	X'05D8'	X'D798'
X'89'	X'05D9'	X'D799'
X'8A'	X'05DA'	X'D79A'
X'8B'	X'05DB'	X'D79B'
X'8C'	X'05DC'	X'D79C'
X'8D'	X'05DD'	X'D79D'
X'8E'	X'05DE'	X'D79E'

*Table 99. Characters in code page 856 in ascending sort order and their Unicode equivalents (continued)*

Code page 856	UCS-2BE	UTF-8
X'8F'	X'05DF'	X'D79F'
X'90'	X'05E0'	X'D7A0'
X'91'	X'05E1'	X'D7A1'
X'92'	X'05E2'	X'D7A2'
X'93'	X'05E3'	X'D7A3'
X'94'	X'05E4'	X'D7A4'
X'95'	X'05E5'	X'D7A5'
X'96'	X'05E6'	X'D7A6'
X'97'	X'05E7'	X'D7A7'
X'98'	X'05E8'	X'D7A8'
X'99'	X'05E9'	X'D7A9'
X'9A'	X'05EA'	X'D7AA'

---

## Code page 857, Generic (SYSTEM\_857)

This is the collation table for code page 857 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_857 collation.

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents*

Code page 857	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'D5'	X'20AC'	X'E282AC'
X'E7'	X'001A'	X'1A'
X'F2'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'CE'	X'256C'	X'E295AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'EE'	X'00AF'	X'C2AF'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'F7'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'B8'	X'00A9'	X'C2A9'
X'A9'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'CF'	X'00A4'	X'C2A4'
X'BD'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'BE'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'E8'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DD'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'E6'	X'00B5'	X'C2B5'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'F3'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'FB'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'FC'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'D1'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'B5'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'B7'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'B6'	X'00C2'	X'C382'
X'86'	X'00E5'	X'C3A5'
X'8F'	X'00C5'	X'C385'
X'84'	X'00E4'	X'C3A4'
X'8E'	X'00C4'	X'C384'
X'C6'	X'00E3'	X'C3A3'
X'C7'	X'00C3'	X'C383'
X'91'	X'00E6'	X'C3A6'
X'92'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'D4'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'D2'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'D3'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'A7'	X'011F'	X'C49F'
X'A6'	X'011E'	X'C49E'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'8D'	X'0131'	X'C4B1'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'98'	X'0130'	X'C4B0'
X'A1'	X'00ED'	X'C3AD'
X'D6'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'DE'	X'00CC'	X'C38C'
X'8C'	X'00EE'	X'C3AE'
X'D7'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'D8'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'D0'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'E0'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'E3'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'E2'	X'00D4'	X'C394'
X'E4'	X'00F5'	X'C3B5'
X'E5'	X'00D5'	X'C395'
X'9B'	X'00F8'	X'C3B8'
X'9D'	X'00D8'	X'C398'
X'94'	X'00F6'	X'C3B6'
X'99'	X'00D6'	X'C396'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'9F'	X'015F'	X'C59F'
X'9E'	X'015E'	X'C59E'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'E9'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'EB'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'EA'	X'00DB'	X'C39B'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'ED'	X'00FF'	X'C3BF'

*Table 100. Characters in code page 857 in ascending sort order and their Unicode equivalents (continued)*

Code page 857	UCS-2BE	UTF-8
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 860, Generic (SYSTEM\_860)

This is the collation table for code page 860 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_860 collation.

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents*

Code page 860	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'20A7'	X'E282A7'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'AD'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'A8'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'A6'	X'00AA'	X'C2AA'
X'A0'	X'00E1'	X'C3A1'
X'86'	X'00C1'	X'C381'
X'85'	X'00E0'	X'C3A0'
X'91'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'8F'	X'00C2'	X'C382'
X'84'	X'00E3'	X'C3A3'
X'8E'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'92'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'89'	X'00CA'	X'C38A'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'A1'	X'00ED'	X'C3AD'
X'8B'	X'00CD'	X'C38D'
X'8D'	X'00EC'	X'C3AC'
X'98'	X'00CC'	X'C38C'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'A4'	X'00F1'	X'C3B1'
X'A5'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A7'	X'00BA'	X'C2BA'
X'A2'	X'00F3'	X'C3B3'
X'9F'	X'00D3'	X'C393'
X'95'	X'00F2'	X'C3B2'
X'A9'	X'00D2'	X'C392'
X'93'	X'00F4'	X'C3B4'
X'8C'	X'00D4'	X'C394'

*Table 101. Characters in code page 860 in ascending sort order and their Unicode equivalents (continued)*

Code page 860	UCS-2BE	UTF-8
X'94'	X'00F5'	X'C3B5'
X'99'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'96'	X'00DA'	X'C39A'
X'97'	X'00F9'	X'C3B9'
X'9D'	X'00D9'	X'C399'
X'81'	X'00FC'	X'C3BC'
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 862, Generic (SYSTEM\_862)

This is the collation table for code page 862 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_862 collation.

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents*

Code page 862	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'9E'	X'001A'	X'1A'
X'9F'	X'20AA'	X'E282AA'
X'A0'	X'200E'	X'E2808E'
X'A1'	X'200F'	X'E2808F'
X'A2'	X'202A'	X'E280AA'
X'A3'	X'202B'	X'E280AB'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'A4'	X'202D'	X'E280AD'
X'A5'	X'202E'	X'E280AE'
X'A6'	X'202C'	X'E280AC'
X'A7'	X'001A'	X'1A'
X'A8'	X'001A'	X'1A'
X'A9'	X'2310'	X'E28C90'
X'AD'	X'20AC'	X'E282AC'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E1'	X'00DF'	X'C39F'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'FA'	X'00B7'	X'C2B7'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'9D'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'05D0'	X'D790'
X'81'	X'05D1'	X'D791'
X'82'	X'05D2'	X'D792'
X'83'	X'05D3'	X'D793'
X'84'	X'05D4'	X'D794'
X'85'	X'05D5'	X'D795'

*Table 102. Characters in code page 862 in ascending sort order and their Unicode equivalents (continued)*

Code page 862	UCS-2BE	UTF-8
X'86'	X'05D6'	X'D796'
X'87'	X'05D7'	X'D797'
X'88'	X'05D8'	X'D798'
X'89'	X'05D9'	X'D799'
X'8A'	X'05DA'	X'D79A'
X'8B'	X'05DB'	X'D79B'
X'8C'	X'05DC'	X'D79C'
X'8D'	X'05DD'	X'D79D'
X'8E'	X'05DE'	X'D79E'
X'8F'	X'05DF'	X'D79F'
X'90'	X'05E0'	X'D7A0'
X'91'	X'05E1'	X'D7A1'
X'92'	X'05E2'	X'D7A2'
X'93'	X'05E3'	X'D7A3'
X'94'	X'05E4'	X'D7A4'
X'95'	X'05E5'	X'D7A5'
X'96'	X'05E6'	X'D7A6'
X'97'	X'05E7'	X'D7A7'
X'98'	X'05E8'	X'D7A8'
X'99'	X'05E9'	X'D7A9'
X'9A'	X'05EA'	X'D7AA'

---

## Code page 863, Generic (SYSTEM\_863)

This is the collation table for code page 863 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_863 collation.

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents*

Code page 863	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'8D'	X'2017'	X'E28097'
X'9F'	X'0192'	X'C692'
X'A9'	X'2310'	X'E28C90'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'E0'	X'03B1'	X'CEB1'
X'E2'	X'0393'	X'CE93'
X'E3'	X'03C0'	X'CF80'
X'E4'	X'03A3'	X'CEA3'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'E5'	X'03C3'	X'CF83'
X'E6'	X'03BC'	X'CEBC'
X'E7'	X'03C4'	X'CF84'
X'E8'	X'03A6'	X'CEA6'
X'E9'	X'0398'	X'CE98'
X'EA'	X'03A9'	X'CEA9'
X'EB'	X'03B4'	X'CEB4'
X'EC'	X'221E'	X'E2889E'
X'ED'	X'03C6'	X'CF86'
X'EE'	X'03B5'	X'CEB5'
X'EF'	X'2229'	X'E288A9'
X'F0'	X'2261'	X'E289A1'
X'F2'	X'2265'	X'E289A5'
X'F3'	X'2264'	X'E289A4'
X'F4'	X'2320'	X'E28CA0'
X'F5'	X'2321'	X'E28CA1'
X'F7'	X'2248'	X'E28988'
X'F9'	X'2219'	X'E28899'
X'FB'	X'221A'	X'E2889A'
X'FC'	X'207F'	X'E281BF'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'A7'	X'00AF'	X'C2AF'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'A1'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A4'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'FA'	X'00B7'	X'C2B7'
X'A5'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'8F'	X'00A7'	X'C2A7'
X'86'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'98'	X'00A4'	X'C2A4'
X'9B'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'F6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AA'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AC'	X'00BC'	X'C2BC'
X'AB'	X'00BD'	X'C2BD'
X'AD'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'FD'	X'00B2'	X'C2B2'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'33'	X'0033'	X'33'
X'A6'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'85'	X'00E0'	X'C3A0'
X'8E'	X'00C0'	X'C380'
X'83'	X'00E2'	X'C3A2'
X'84'	X'00C2'	X'C382'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'87'	X'00E7'	X'C3A7'
X'80'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'82'	X'00E9'	X'C3A9'
X'90'	X'00C9'	X'C389'
X'8A'	X'00E8'	X'C3A8'
X'91'	X'00C8'	X'C388'
X'88'	X'00EA'	X'C3AA'
X'92'	X'00CA'	X'C38A'
X'89'	X'00EB'	X'C3AB'
X'94'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'49'	X'0049'	X'49'
X'8C'	X'00EE'	X'C3AE'
X'A8'	X'00CE'	X'C38E'
X'8B'	X'00EF'	X'C3AF'
X'95'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'A2'	X'00F3'	X'C3B3'
X'93'	X'00F4'	X'C3B4'
X'99'	X'00D4'	X'C394'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'E1'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'A3'	X'00FA'	X'C3BA'
X'97'	X'00F9'	X'C3B9'
X'9D'	X'00D9'	X'C399'
X'96'	X'00FB'	X'C3BB'
X'9E'	X'00DB'	X'C39B'
X'81'	X'00FC'	X'C3BC'

*Table 103. Characters in code page 863 in ascending sort order and their Unicode equivalents (continued)*

Code page 863	UCS-2BE	UTF-8
X'9A'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 864, Generic (SYSTEM\_864)

This is the collation table for code page 864 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_864 collation.

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents*

Code page 864	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'9B'	X'001A'	X'1A'
X'9C'	X'001A'	X'1A'
X'A6'	X'001A'	X'1A'
X'A7'	X'20AC'	X'E282AC'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'80'	X'00B0'	X'C2B0'
X'81'	X'00B7'	X'C2B7'
X'82'	X'2219'	X'E28899'
X'83'	X'221A'	X'E2889A'
X'84'	X'2592'	X'E29692'
X'85'	X'2500'	X'E29480'
X'86'	X'2502'	X'E29482'
X'87'	X'253C'	X'E294BC'
X'88'	X'2524'	X'E294A4'
X'89'	X'252C'	X'E294AC'
X'8A'	X'251C'	X'E2949C'
X'8B'	X'2534'	X'E294B4'
X'8C'	X'2510'	X'E29490'
X'8D'	X'250C'	X'E2948C'
X'8E'	X'2514'	X'E29494'
X'8F'	X'2518'	X'E29498'
X'90'	X'03B2'	X'CEB2'
X'91'	X'221E'	X'E2889E'
X'92'	X'03C6'	X'CF86'
X'93'	X'00B1'	X'C2B1'
X'94'	X'00BD'	X'C2BD'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'95'	X'00BC'	X'C2BC'
X'96'	X'2248'	X'E28988'
X'97'	X'00AB'	X'C2AB'
X'98'	X'00BB'	X'C2BB'
X'A3'	X'00A3'	X'C2A3'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'A1'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'AC'	X'060C'	X'D88C'
X'3B'	X'003B'	X'3B'
X'BB'	X'061B'	X'D89B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'BF'	X'061F'	X'D89F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'C0'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'2B'	X'002B'	X'2B'
X'DD'	X'00F7'	X'C3B7'
X'DE'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'DC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'DB'	X'00A6'	X'C2A6'
X'A0'	X'00A0'	X'C2A0'
X'9F'	X'200B'	X'E2808B'
X'30'	X'0030'	X'30'
X'B0'	X'0660'	X'D9A0'
X'31'	X'0031'	X'31'
X'B1'	X'0661'	X'D9A1'
X'32'	X'0032'	X'32'
X'B2'	X'0662'	X'D9A2'
X'33'	X'0033'	X'33'
X'B3'	X'0663'	X'D9A3'
X'34'	X'0034'	X'34'
X'B4'	X'0664'	X'D9A4'
X'35'	X'0035'	X'35'
X'B5'	X'0665'	X'D9A5'
X'36'	X'0036'	X'36'
X'B6'	X'0666'	X'D9A6'
X'37'	X'0037'	X'37'
X'B7'	X'0667'	X'D9A7'
X'38'	X'0038'	X'38'
X'B8'	X'0668'	X'D9A8'
X'39'	X'0039'	X'39'
X'B9'	X'0669'	X'D9A9'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'FE80'	X'EFBA80'
X'C2'	X'FE81'	X'EFBA81'
X'A2'	X'FE82'	X'EFBA82'
X'C3'	X'FE83'	X'EFBA83'
X'A5'	X'FE84'	X'EFBA84'
X'C4'	X'FE85'	X'EFBA85'
X'C6'	X'FE8B'	X'EFBA8B'
X'C7'	X'FE8D'	X'EFBA8D'
X'A8'	X'FE8E'	X'EFBA8E'
X'A9'	X'FE8F'	X'EFBA8F'
X'C8'	X'FE91'	X'EFBA91'
X'C9'	X'FE93'	X'EFBA93'
X'AA'	X'FE95'	X'EFBA95'
X'CA'	X'FE97'	X'EFBA97'
X'AB'	X'FE99'	X'EFBA99'
X'CB'	X'FE9B'	X'EFBA9B'
X'AD'	X'FE9D'	X'EFBA9D'
X'CC'	X'FE9F'	X'EFBA9F'
X'AE'	X'FEA1'	X'EFBAA1'
X'CD'	X'FEA3'	X'EFBAA3'
X'AF'	X'FEA5'	X'EFBAA5'
X'CE'	X'FEA7'	X'EFBAA7'
X'CF'	X'FEA9'	X'EFBAA9'
X'D0'	X'FEAB'	X'EFBAAB'
X'D1'	X'FEAD'	X'EFBAAD'
X'D2'	X'FEAF'	X'EFBAAF'
X'BC'	X'FEB1'	X'EFBAB1'
X'D3'	X'FEB3'	X'EFBAB3'
X'BD'	X'FEB5'	X'EFBAB5'
X'D4'	X'FEB7'	X'EFBAB7'
X'BE'	X'FEB9'	X'EFBAB9'
X'D5'	X'FEBB'	X'EFBABB'
X'EB'	X'FEBD'	X'EFBABD'
X'D6'	X'FEBF'	X'EFBABF'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'D7'	X'FEC3'	X'EFBB83'
X'D8'	X'FEC7'	X'EFBB87'
X'DF'	X'FEC9'	X'EFBB89'
X'C5'	X'FECA'	X'EFBB8A'
X'D9'	X'FECB'	X'EFBB8B'
X'EC'	X'FECC'	X'EFBB8C'
X'EE'	X'FECD'	X'EFBB8D'
X'ED'	X'FECE'	X'EFBB8E'
X'DA'	X'FECF'	X'EFBB8F'
X'F7'	X'FED0'	X'EFBB90'
X'BA'	X'FED1'	X'EFBB91'
X'E1'	X'FED3'	X'EFBB93'
X'F8'	X'FED5'	X'EFBB95'
X'E2'	X'FED7'	X'EFBB97'
X'FC'	X'FED9'	X'EFBB99'
X'E3'	X'FEDB'	X'EFBB9B'
X'FB'	X'FEDD'	X'EFBB9D'
X'E4'	X'FEDF'	X'EFBB9F'
X'F9'	X'FEF5'	X'EFBBB5'
X'FA'	X'FEF6'	X'EFBBB6'
X'99'	X'FEF7'	X'EFBBB7'
X'9A'	X'FEF8'	X'EFBBB8'
X'9D'	X'FEFB'	X'EFBBBB'
X'9E'	X'FEFC'	X'EFBBC'
X'EF'	X'FEF1'	X'EFBBA1'
X'E5'	X'FEF3'	X'EFBBA3'
X'F2'	X'FEF5'	X'EFBBA5'
X'E6'	X'FEF7'	X'EFBBA7'
X'F3'	X'FEF9'	X'EFBBA9'
X'E7'	X'FEFB'	X'EFBAB'
X'F4'	X'FEFC'	X'EFBBAC'
X'E8'	X'FEED'	X'EFBBAD'
X'E9'	X'FEFF'	X'EFBAF'
X'F5'	X'FEF0'	X'EFBBB0'
X'FD'	X'FEF1'	X'EFBBB1'
X'F6'	X'FEF2'	X'EFBBB2'
X'EA'	X'FEF3'	X'EFBBB3'
X'F1'	X'FE7C'	X'EFB9BC'
X'F0'	X'FE7D'	X'EFB9BD'

*Table 104. Characters in code page 864 in ascending sort order and their Unicode equivalents (continued)*

Code page 864	UCS-2BE	UTF-8
X'E0'	X'0640'	X'D980'

## Code page 866, Generic (SYSTEM\_866)

This is the collation table for code page 866 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_866 collation.

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents*

Code page 866	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'F8'	X'00B0'	X'C2B0'
X'F9'	X'2219'	X'E28899'
X'FA'	X'00B7'	X'C2B7'
X'FB'	X'221A'	X'E2889A'
X'FD'	X'20AC'	X'E282AC'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'FC'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A0'	X'0430'	X'D0B0'
X'80'	X'0410'	X'D090'
X'A1'	X'0431'	X'D0B1'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'81'	X'0411'	X'D091'
X'A2'	X'0432'	X'D0B2'
X'82'	X'0412'	X'D092'
X'A3'	X'0433'	X'D0B3'
X'83'	X'0413'	X'D093'
X'A4'	X'0434'	X'D0B4'
X'84'	X'0414'	X'D094'
X'A5'	X'0435'	X'D0B5'
X'85'	X'0415'	X'D095'
X'F3'	X'0454'	X'D194'
X'F2'	X'0404'	X'D084'
X'F1'	X'0451'	X'D191'
X'F0'	X'0401'	X'D081'
X'A6'	X'0436'	X'D0B6'
X'86'	X'0416'	X'D096'
X'A7'	X'0437'	X'D0B7'
X'87'	X'0417'	X'D097'
X'A8'	X'0438'	X'D0B8'
X'88'	X'0418'	X'D098'
X'F5'	X'0457'	X'D197'
X'F4'	X'0407'	X'D087'
X'A9'	X'0439'	X'D0B9'
X'89'	X'0419'	X'D099'
X'AA'	X'043A'	X'D0BA'
X'8A'	X'041A'	X'D09A'
X'AB'	X'043B'	X'D0BB'
X'8B'	X'041B'	X'D09B'
X'AC'	X'043C'	X'D0BC'
X'8C'	X'041C'	X'D09C'
X'AD'	X'043D'	X'D0BD'
X'8D'	X'041D'	X'D09D'
X'AE'	X'043E'	X'D0BE'
X'8E'	X'041E'	X'D09E'
X'AF'	X'043F'	X'D0BF'
X'8F'	X'041F'	X'D09F'
X'E0'	X'0440'	X'D180'
X'90'	X'0420'	X'D0A0'
X'E1'	X'0441'	X'D181'
X'91'	X'0421'	X'D0A1'

*Table 105. Characters in code page 866 in ascending sort order and their Unicode equivalents (continued)*

Code page 866	UCS-2BE	UTF-8
X'E2'	X'0442'	X'D182'
X'92'	X'0422'	X'D0A2'
X'E3'	X'0443'	X'D183'
X'93'	X'0423'	X'D0A3'
X'F7'	X'045E'	X'D19E'
X'F6'	X'040E'	X'D08E'
X'E4'	X'0444'	X'D184'
X'94'	X'0424'	X'D0A4'
X'E5'	X'0445'	X'D185'
X'95'	X'0425'	X'D0A5'
X'E6'	X'0446'	X'D186'
X'96'	X'0426'	X'D0A6'
X'E7'	X'0447'	X'D187'
X'97'	X'0427'	X'D0A7'
X'E8'	X'0448'	X'D188'
X'98'	X'0428'	X'D0A8'
X'E9'	X'0449'	X'D189'
X'99'	X'0429'	X'D0A9'
X'EA'	X'044A'	X'D18A'
X'9A'	X'042A'	X'D0AA'
X'EB'	X'044B'	X'D18B'
X'9B'	X'042B'	X'D0AB'
X'EC'	X'044C'	X'D18C'
X'9C'	X'042C'	X'D0AC'
X'ED'	X'044D'	X'D18D'
X'9D'	X'042D'	X'D0AD'
X'EE'	X'044E'	X'D18E'
X'9E'	X'042E'	X'D0AE'
X'EF'	X'044F'	X'D18F'
X'9F'	X'042F'	X'D0AF'

---

## Code page 869, Generic (SYSTEM\_869)

This is the collation table for code page 869 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_869 collation.

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents*

Code page 869	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'001A'	X'1A'
X'81'	X'001A'	X'1A'
X'82'	X'001A'	X'1A'
X'83'	X'001A'	X'1A'
X'84'	X'001A'	X'1A'
X'85'	X'001A'	X'1A'
X'87'	X'20AC'	X'E282AC'
X'93'	X'001A'	X'1A'
X'94'	X'001A'	X'1A'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DF'	X'2580'	X'E29680'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'F0'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'8E'	X'2015'	X'E28095'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EF'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F9'	X'00A8'	X'C2A8'
X'F7'	X'0385'	X'CE85'
X'7E'	X'007E'	X'7E'
X'88'	X'0387'	X'CE87'
X'27'	X'0027'	X'27'
X'8B'	X'2018'	X'E28098'
X'8C'	X'2019'	X'E28099'
X'22'	X'0022'	X'22'
X'AE'	X'00AB'	X'C2AB'
X'AF'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'F5'	X'00A7'	X'C2A7'
X'97'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'9C'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'89'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'8A'	X'00A6'	X'C2A6'
X'F8'	X'00B0'	X'C2B0'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'AB'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'99'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'9A'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'A4'	X'0391'	X'CE91'
X'D6'	X'03B1'	X'CEB1'
X'86'	X'0386'	X'CE86'
X'9B'	X'03AC'	X'CEAC'
X'A5'	X'0392'	X'CE92'
X'D7'	X'03B2'	X'CEB2'
X'A6'	X'0393'	X'CE93'
X'D8'	X'03B3'	X'CEB3'
X'A7'	X'0394'	X'CE94'
X'DD'	X'03B4'	X'CEB4'
X'A8'	X'0395'	X'CE95'
X'DE'	X'03B5'	X'CEB5'
X'8D'	X'0388'	X'CE88'
X'9D'	X'03AD'	X'CEAD'
X'A9'	X'0396'	X'CE96'
X'E0'	X'03B6'	X'CEB6'
X'AA'	X'0397'	X'CE97'
X'E1'	X'03B7'	X'CEB7'
X'8F'	X'0389'	X'CE89'
X'9E'	X'03AE'	X'CEAE'
X'AC'	X'0398'	X'CE98'
X'E2'	X'03B8'	X'CEB8'
X'AD'	X'0399'	X'CE99'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'E3'	X'03B9'	X'CEB9'
X'90'	X'038A'	X'CE8A'
X'9F'	X'03AF'	X'CEAF'
X'91'	X'03AA'	X'CEAA'
X'A0'	X'03CA'	X'CF8A'
X'A1'	X'0390'	X'CE90'
X'B5'	X'039A'	X'CE9A'
X'E4'	X'03BA'	X'CEBA'
X'B6'	X'039B'	X'CE9B'
X'E5'	X'03BB'	X'CEBB'
X'B7'	X'039C'	X'CE9C'
X'E6'	X'03BC'	X'CEBC'
X'B8'	X'039D'	X'CE9D'
X'E7'	X'03BD'	X'CEBD'
X'BD'	X'039E'	X'CE9E'
X'E8'	X'03BE'	X'CEBE'
X'BE'	X'039F'	X'CE9F'
X'E9'	X'03BF'	X'CEBF'
X'92'	X'038C'	X'CE8C'
X'A2'	X'03CC'	X'CF8C'
X'C6'	X'03A0'	X'CEA0'
X'EA'	X'03C0'	X'CF80'
X'C7'	X'03A1'	X'CEA1'
X'EB'	X'03C1'	X'CF81'
X'CF'	X'03A3'	X'CEA3'
X'EC'	X'03C3'	X'CF83'
X'ED'	X'03C2'	X'CF82'
X'D0'	X'03A4'	X'CEA4'
X'EE'	X'03C4'	X'CF84'
X'D1'	X'03A5'	X'CEA5'
X'F2'	X'03C5'	X'CF85'
X'95'	X'038E'	X'CE8E'
X'A3'	X'03CD'	X'CF8D'
X'96'	X'03AB'	X'CEAB'
X'FB'	X'03CB'	X'CF8B'
X'FC'	X'03B0'	X'CEB0'
X'D2'	X'03A6'	X'CEA6'
X'F3'	X'03C6'	X'CF86'
X'D3'	X'03A7'	X'CEA7'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'F4'	X'03C7'	X'CF87'
X'D4'	X'03A8'	X'CEA8'
X'F6'	X'03C8'	X'CF88'
X'D5'	X'03A9'	X'CEA9'
X'FA'	X'03C9'	X'CF89'
X'98'	X'038F'	X'CE8F'
X'FD'	X'03CE'	X'CF8E'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'

*Table 106. Characters in code page 869 in ascending sort order and their Unicode equivalents (continued)*

Code page 869	UCS-2BE	UTF-8
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'

---

## Code page 874, Generic (SYSTEM\_874)

This is the collation table for code page 874 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_874 collation.

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents*

Code page 874	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'001A'	X'1A'
X'80'	X'001A'	X'1A'
X'81'	X'001A'	X'1A'
X'82'	X'001A'	X'1A'
X'83'	X'001A'	X'1A'
X'84'	X'001A'	X'1A'
X'85'	X'001A'	X'1A'
X'86'	X'001A'	X'1A'
X'87'	X'001A'	X'1A'
X'88'	X'001A'	X'1A'
X'89'	X'001A'	X'1A'
X'8A'	X'001A'	X'1A'
X'8B'	X'001A'	X'1A'
X'8C'	X'001A'	X'1A'
X'8D'	X'001A'	X'1A'
X'8E'	X'001A'	X'1A'
X'8F'	X'001A'	X'1A'
X'90'	X'001A'	X'1A'
X'91'	X'001A'	X'1A'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'92'	X'001A'	X'1A'
X'93'	X'001A'	X'1A'
X'94'	X'001A'	X'1A'
X'95'	X'001A'	X'1A'
X'96'	X'001A'	X'1A'
X'97'	X'001A'	X'1A'
X'98'	X'001A'	X'1A'
X'99'	X'001A'	X'1A'
X'9A'	X'001A'	X'1A'
X'9B'	X'001A'	X'1A'
X'9C'	X'001A'	X'1A'
X'9D'	X'001A'	X'1A'
X'9E'	X'001A'	X'1A'
X'9F'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'FC'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'DF'	X'0E3F'	X'E0B8BF'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'FD'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'FE'	X'00A6'	X'C2A6'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'F0'	X'0E50'	X'E0B990'
X'31'	X'0031'	X'31'
X'F1'	X'0E51'	X'E0B991'
X'32'	X'0032'	X'32'
X'F2'	X'0E52'	X'E0B992'
X'33'	X'0033'	X'33'
X'F3'	X'0E53'	X'E0B993'
X'34'	X'0034'	X'34'
X'F4'	X'0E54'	X'E0B994'
X'35'	X'0035'	X'35'
X'F5'	X'0E55'	X'E0B995'
X'36'	X'0036'	X'36'
X'F6'	X'0E56'	X'E0B996'
X'37'	X'0037'	X'37'
X'F7'	X'0E57'	X'E0B997'
X'38'	X'0038'	X'38'
X'F8'	X'0E58'	X'E0B998'
X'39'	X'0039'	X'39'
X'F9'	X'0E59'	X'E0B999'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A1'	X'0E01'	X'E0B881'
X'A2'	X'0E02'	X'E0B882'
X'A3'	X'0E03'	X'E0B883'
X'A4'	X'0E04'	X'E0B884'
X'A5'	X'0E05'	X'E0B885'
X'A6'	X'0E06'	X'E0B886'
X'A7'	X'0E07'	X'E0B887'
X'A8'	X'0E08'	X'E0B888'
X'A9'	X'0E09'	X'E0B889'
X'AA'	X'0E0A'	X'E0B88A'
X'AB'	X'0E0B'	X'E0B88B'
X'AC'	X'0E0C'	X'E0B88C'
X'AD'	X'0E0D'	X'E0B88D'
X'AE'	X'0E0E'	X'E0B88E'
X'AF'	X'0E0F'	X'E0B88F'
X'B0'	X'0E10'	X'E0B890'
X'B1'	X'0E11'	X'E0B891'
X'B2'	X'0E12'	X'E0B892'
X'B3'	X'0E13'	X'E0B893'
X'B4'	X'0E14'	X'E0B894'
X'B5'	X'0E15'	X'E0B895'
X'B6'	X'0E16'	X'E0B896'
X'B7'	X'0E17'	X'E0B897'
X'B8'	X'0E18'	X'E0B898'
X'B9'	X'0E19'	X'E0B899'
X'BA'	X'0E1A'	X'E0B89A'
X'BB'	X'0E1B'	X'E0B89B'
X'BC'	X'0E1C'	X'E0B89C'
X'BD'	X'0E1D'	X'E0B89D'
X'BE'	X'0E1E'	X'E0B89E'
X'BF'	X'0E1F'	X'E0B89F'
X'C0'	X'0E20'	X'E0B8A0'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'C1'	X'0E21'	X'E0B8A1'
X'C2'	X'0E22'	X'E0B8A2'
X'C3'	X'0E23'	X'E0B8A3'
X'C4'	X'0E24'	X'E0B8A4'
X'C5'	X'0E25'	X'E0B8A5'
X'C6'	X'0E26'	X'E0B8A6'
X'C7'	X'0E27'	X'E0B8A7'
X'C8'	X'0E28'	X'E0B8A8'
X'C9'	X'0E29'	X'E0B8A9'
X'CA'	X'0E2A'	X'E0B8AA'
X'CB'	X'0E2B'	X'E0B8AB'
X'CC'	X'0E2C'	X'E0B8AC'
X'CD'	X'0E2D'	X'E0B8AD'
X'CE'	X'0E2E'	X'E0B8AE'
X'CF'	X'0E2F'	X'E0B8AF'
X'D0'	X'0E30'	X'E0B8B0'
X'D1'	X'0E31'	X'E0B8B1'
X'D2'	X'0E32'	X'E0B8B2'
X'D3'	X'0E33'	X'E0B8B3'
X'D4'	X'0E34'	X'E0B8B4'
X'D5'	X'0E35'	X'E0B8B5'
X'D6'	X'0E36'	X'E0B8B6'
X'D7'	X'0E37'	X'E0B8B7'
X'D8'	X'0E38'	X'E0B8B8'
X'D9'	X'0E39'	X'E0B8B9'
X'DA'	X'0E3A'	X'E0B8BA'
X'E0'	X'0E40'	X'E0B980'
X'E1'	X'0E41'	X'E0B981'
X'E2'	X'0E42'	X'E0B982'
X'E3'	X'0E43'	X'E0B983'
X'E4'	X'0E44'	X'E0B984'
X'E5'	X'0E45'	X'E0B985'
X'E6'	X'0E46'	X'E0B986'
X'E7'	X'0E47'	X'E0B987'
X'E8'	X'0E48'	X'E0B988'
X'A0'	X'0E48'	X'E0B988'
X'E9'	X'0E49'	X'E0B989'
X'DB'	X'0E49'	X'E0B989'
X'EA'	X'0E4A'	X'E0B98A'

*Table 107. Characters in code page 874 in ascending sort order and their Unicode equivalents (continued)*

Code page 874	UCS-2BE	UTF-8
X'DC'	X'0E4A'	X'E0B98A'
X'EB'	X'0E4B'	X'E0B98B'
X'DD'	X'0E4B'	X'E0B98B'
X'EC'	X'0E4C'	X'E0B98C'
X'DE'	X'20AC'	X'E282AC'
X'ED'	X'0E4D'	X'E0B98D'
X'EE'	X'0E4E'	X'E0B98E'
X'EF'	X'0E4F'	X'E0B98F'
X'FA'	X'0E5A'	X'E0B99A'
X'FB'	X'0E5B'	X'E0B99B'

---

## Code page 878, Generic (SYSTEM\_878)

This is the collation table for code page 878 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_878 collation.

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents*

Code page 878	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'2500'	X'E29480'
X'81'	X'2502'	X'E29482'
X'82'	X'250C'	X'E2948C'
X'83'	X'2510'	X'E29490'
X'84'	X'2514'	X'E29494'
X'85'	X'2518'	X'E29498'
X'86'	X'251C'	X'E2949C'
X'87'	X'2524'	X'E294A4'
X'88'	X'252C'	X'E294AC'
X'89'	X'2534'	X'E294B4'
X'8A'	X'253C'	X'E294BC'
X'A0'	X'2550'	X'E29590'
X'A1'	X'2551'	X'E29591'
X'A2'	X'2552'	X'E29592'
X'A4'	X'2553'	X'E29593'
X'A5'	X'2554'	X'E29594'
X'A6'	X'2555'	X'E29595'
X'A7'	X'2556'	X'E29596'
X'A8'	X'2557'	X'E29597'
X'A9'	X'2558'	X'E29598'
X'AA'	X'2559'	X'E29599'
X'AB'	X'255A'	X'E2959A'
X'AC'	X'255B'	X'E2959B'
X'AD'	X'255C'	X'E2959C'
X'AE'	X'255D'	X'E2959D'
X'AF'	X'255E'	X'E2959E'
X'B0'	X'255F'	X'E2959F'
X'B1'	X'2560'	X'E295A0'
X'B2'	X'2561'	X'E295A1'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'B4'	X'2562'	X'E295A2'
X'B5'	X'2563'	X'E295A3'
X'B6'	X'2564'	X'E295A4'
X'B7'	X'2565'	X'E295A5'
X'B8'	X'2566'	X'E295A6'
X'B9'	X'2567'	X'E295A7'
X'BA'	X'2568'	X'E295A8'
X'BB'	X'2569'	X'E295A9'
X'BC'	X'256A'	X'E295AA'
X'BD'	X'256B'	X'E295AB'
X'BE'	X'256C'	X'E295AC'
X'8B'	X'2580'	X'E29680'
X'8C'	X'2584'	X'E29684'
X'8D'	X'2588'	X'E29688'
X'8E'	X'258C'	X'E2968C'
X'8F'	X'2590'	X'E29690'
X'90'	X'2591'	X'E29691'
X'91'	X'2592'	X'E29692'
X'92'	X'2593'	X'E29693'
X'94'	X'25A0'	X'E296A0'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'9E'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BF'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'9F'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'9C'	X'00B0'	X'C2B0'
X'98'	X'2264'	X'E289A4'
X'99'	X'2265'	X'E289A5'
X'97'	X'2248'	X'E28988'
X'95'	X'2219'	X'E28899'
X'96'	X'221A'	X'E2889A'
X'93'	X'2320'	X'E28CA0'
X'9B'	X'2321'	X'E28CA1'
X'9A'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'9D'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0430'	X'D0B0'
X'E1'	X'0410'	X'D090'
X'C2'	X'0431'	X'D0B1'
X'E2'	X'0411'	X'D091'
X'D7'	X'0432'	X'D0B2'
X'F7'	X'0412'	X'D092'
X'C7'	X'0433'	X'D0B3'
X'E7'	X'0413'	X'D093'
X'C4'	X'0434'	X'D0B4'
X'E4'	X'0414'	X'D094'
X'C5'	X'0435'	X'D0B5'
X'E5'	X'0415'	X'D095'
X'A3'	X'0451'	X'D191'
X'B3'	X'0401'	X'D081'
X'D6'	X'0436'	X'D0B6'
X'F6'	X'0416'	X'D096'
X'DA'	X'0437'	X'D0B7'
X'FA'	X'0417'	X'D097'
X'C9'	X'0438'	X'D0B8'
X'E9'	X'0418'	X'D098'
X'CA'	X'0439'	X'D0B9'
X'EA'	X'0419'	X'D099'
X'CB'	X'043A'	X'D0BA'
X'EB'	X'041A'	X'D09A'
X'CC'	X'043B'	X'D0BB'
X'EC'	X'041B'	X'D09B'
X'CD'	X'043C'	X'D0BC'
X'ED'	X'041C'	X'D09C'

*Table 108. Characters in code page 878 in ascending sort order and their Unicode equivalents (continued)*

Code page 878	UCS-2BE	UTF-8
X'CE'	X'043D'	X'D0BD'
X'EE'	X'041D'	X'D09D'
X'CF'	X'043E'	X'D0BE'
X'EF'	X'041E'	X'D09E'
X'D0'	X'043F'	X'D0BF'
X'F0'	X'041F'	X'D09F'
X'D2'	X'0440'	X'D180'
X'F2'	X'0420'	X'D0A0'
X'D3'	X'0441'	X'D181'
X'F3'	X'0421'	X'D0A1'
X'D4'	X'0442'	X'D182'
X'F4'	X'0422'	X'D0A2'
X'D5'	X'0443'	X'D183'
X'F5'	X'0423'	X'D0A3'
X'C6'	X'0444'	X'D184'
X'E6'	X'0424'	X'D0A4'
X'C8'	X'0445'	X'D185'
X'E8'	X'0425'	X'D0A5'
X'C3'	X'0446'	X'D186'
X'E3'	X'0426'	X'D0A6'
X'DE'	X'0447'	X'D187'
X'FE'	X'0427'	X'D0A7'
X'DB'	X'0448'	X'D188'
X'FB'	X'0428'	X'D0A8'
X'DD'	X'0449'	X'D189'
X'FD'	X'0429'	X'D0A9'
X'DF'	X'044A'	X'D18A'
X'FF'	X'042A'	X'D0AA'
X'D9'	X'044B'	X'D18B'
X'F9'	X'042B'	X'D0AB'
X'D8'	X'044C'	X'D18C'
X'F8'	X'042C'	X'D0AC'
X'DC'	X'044D'	X'D18D'
X'FC'	X'042D'	X'D0AD'
X'C0'	X'044E'	X'D18E'
X'E0'	X'042E'	X'D0AE'
X'D1'	X'044F'	X'D18F'
X'F1'	X'042F'	X'D0AF'
X'7F'	X'007F'	X'7F'

## Code page 912, Generic (SYSTEM\_912)

This is the collation table for code page 912 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_912 collation.

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents*

Code page 912	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'B0'	X'00B0'	X'C2B0'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A2'	X'02D8'	X'CB98'
X'5E'	X'005E'	X'5E'
X'B7'	X'02C7'	X'CB87'
X'A8'	X'00A8'	X'C2A8'
X'BD'	X'02DD'	X'CB9D'
X'7E'	X'007E'	X'7E'
X'FF'	X'02D9'	X'CB99'
X'B8'	X'00B8'	X'C2B8'
X'B2'	X'02DB'	X'CB9B'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E3'	X'0103'	X'C483'
X'C3'	X'0102'	X'C482'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'B1'	X'0105'	X'C485'
X'A1'	X'0104'	X'C484'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E6'	X'0107'	X'C487'
X'C6'	X'0106'	X'C486'
X'E8'	X'010D'	X'C48D'
X'C8'	X'010C'	X'C48C'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'EF'	X'010F'	X'C48F'
X'CF'	X'010E'	X'C48E'
X'F0'	X'0111'	X'C491'
X'D0'	X'0110'	X'C490'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'EC'	X'011B'	X'C49B'
X'CC'	X'011A'	X'C49A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'EA'	X'0119'	X'C499'
X'CA'	X'0118'	X'C498'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'E5'	X'013A'	X'C4BA'
X'C5'	X'0139'	X'C4B9'
X'B5'	X'013E'	X'C4BE'
X'A5'	X'013D'	X'C4BD'
X'B3'	X'0142'	X'C582'
X'A3'	X'0141'	X'C581'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'0144'	X'C584'
X'D1'	X'0143'	X'C583'
X'F2'	X'0148'	X'C588'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'D2'	X'0147'	X'C587'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'0151'	X'C591'
X'D5'	X'0150'	X'C590'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'E0'	X'0155'	X'C595'
X'C0'	X'0154'	X'C594'
X'F8'	X'0159'	X'C599'
X'D8'	X'0158'	X'C598'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'B6'	X'015B'	X'C59B'
X'A6'	X'015A'	X'C59A'
X'B9'	X'0161'	X'C5A1'
X'A9'	X'0160'	X'C5A0'
X'BA'	X'015F'	X'C59F'
X'AA'	X'015E'	X'C59E'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'BB'	X'0165'	X'C5A5'
X'AB'	X'0164'	X'C5A4'
X'FE'	X'0163'	X'C5A3'
X'DE'	X'0162'	X'C5A2'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'

*Table 109. Characters in code page 912 in ascending sort order and their Unicode equivalents (continued)*

Code page 912	UCS-2BE	UTF-8
X'DA'	X'00DA'	X'C39A'
X'F9'	X'016F'	X'C5AF'
X'D9'	X'016E'	X'C5AE'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'FB'	X'0171'	X'C5B1'
X'DB'	X'0170'	X'C5B0'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'BC'	X'017A'	X'C5BA'
X'AC'	X'0179'	X'C5B9'
X'BE'	X'017E'	X'C5BE'
X'AE'	X'017D'	X'C5BD'
X'BF'	X'017C'	X'C5BC'
X'AF'	X'017B'	X'C5BB'

---

## Code page 915, Generic (SYSTEM\_915)

This is the collation table for code page 915 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_915 collation.

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents*

Code page 915	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'FD'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'F0'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'5A'	X'005A'	X'5A'
X'D0'	X'0430'	X'D0B0'
X'B0'	X'0410'	X'D090'
X'D1'	X'0431'	X'D0B1'
X'B1'	X'0411'	X'D091'
X'D2'	X'0432'	X'D0B2'
X'B2'	X'0412'	X'D092'
X'D3'	X'0433'	X'D0B3'
X'B3'	X'0413'	X'D093'
X'D4'	X'0434'	X'D0B4'
X'B4'	X'0414'	X'D094'
X'F3'	X'0453'	X'D193'
X'A3'	X'0403'	X'D083'
X'F2'	X'0452'	X'D192'
X'A2'	X'0402'	X'D082'
X'D5'	X'0435'	X'D0B5'
X'B5'	X'0415'	X'D095'
X'F4'	X'0454'	X'D194'
X'A4'	X'0404'	X'D084'
X'F1'	X'0451'	X'D191'
X'A1'	X'0401'	X'D081'
X'D6'	X'0436'	X'D0B6'
X'B6'	X'0416'	X'D096'
X'D7'	X'0437'	X'D0B7'
X'B7'	X'0417'	X'D097'
X'F5'	X'0455'	X'D195'
X'A5'	X'0405'	X'D085'
X'D8'	X'0438'	X'D0B8'
X'B8'	X'0418'	X'D098'
X'F6'	X'0456'	X'D196'
X'A6'	X'0406'	X'D086'
X'F7'	X'0457'	X'D197'
X'A7'	X'0407'	X'D087'
X'D9'	X'0439'	X'D0B9'
X'B9'	X'0419'	X'D099'
X'F8'	X'0458'	X'D198'
X'A8'	X'0408'	X'D088'
X'DA'	X'043A'	X'D0BA'
X'BA'	X'041A'	X'D09A'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'DB'	X'043B'	X'D0BB'
X'BB'	X'041B'	X'D09B'
X'F9'	X'0459'	X'D199'
X'A9'	X'0409'	X'D089'
X'DC'	X'043C'	X'D0BC'
X'BC'	X'041C'	X'D09C'
X'DD'	X'043D'	X'D0BD'
X'BD'	X'041D'	X'D09D'
X'FA'	X'045A'	X'D19A'
X'AA'	X'040A'	X'D08A'
X'DE'	X'043E'	X'D0BE'
X'BE'	X'041E'	X'D09E'
X'DF'	X'043F'	X'D0BF'
X'BF'	X'041F'	X'D09F'
X'E0'	X'0440'	X'D180'
X'C0'	X'0420'	X'D0A0'
X'E1'	X'0441'	X'D181'
X'C1'	X'0421'	X'D0A1'
X'E2'	X'0442'	X'D182'
X'C2'	X'0422'	X'D0A2'
X'FC'	X'045C'	X'D19C'
X'AC'	X'040C'	X'D08C'
X'FB'	X'045B'	X'D19B'
X'AB'	X'040B'	X'D08B'
X'E3'	X'0443'	X'D183'
X'C3'	X'0423'	X'D0A3'
X'FE'	X'045E'	X'D19E'
X'AE'	X'040E'	X'D08E'
X'E4'	X'0444'	X'D184'
X'C4'	X'0424'	X'D0A4'
X'E5'	X'0445'	X'D185'
X'C5'	X'0425'	X'D0A5'
X'E6'	X'0446'	X'D186'
X'C6'	X'0426'	X'D0A6'
X'E7'	X'0447'	X'D187'
X'C7'	X'0427'	X'D0A7'
X'FF'	X'045F'	X'D19F'
X'AF'	X'040F'	X'D08F'
X'E8'	X'0448'	X'D188'

*Table 110. Characters in code page 915 in ascending sort order and their Unicode equivalents (continued)*

Code page 915	UCS-2BE	UTF-8
X'C8'	X'0428'	X'D0A8'
X'E9'	X'0449'	X'D189'
X'C9'	X'0429'	X'D0A9'
X'EA'	X'044A'	X'D18A'
X'CA'	X'042A'	X'D0AA'
X'EB'	X'044B'	X'D18B'
X'CB'	X'042B'	X'D0AB'
X'EC'	X'044C'	X'D18C'
X'CC'	X'042C'	X'D0AC'
X'ED'	X'044D'	X'D18D'
X'CD'	X'042D'	X'D0AD'
X'EE'	X'044E'	X'D18E'
X'CE'	X'042E'	X'D0AE'
X'EF'	X'044F'	X'D18F'
X'CF'	X'042F'	X'D0AF'

---

## Code page 916, Generic (SYSTEM\_916)

This is the collation table for code page 916 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_916 collation.

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents*

Code page 916	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A1'	X'001A'	X'1A'
X'BF'	X'001A'	X'1A'
X'C0'	X'001A'	X'1A'
X'C1'	X'001A'	X'1A'
X'C2'	X'001A'	X'1A'
X'C3'	X'001A'	X'1A'
X'C4'	X'001A'	X'1A'
X'C5'	X'001A'	X'1A'
X'C6'	X'001A'	X'1A'
X'C7'	X'001A'	X'1A'
X'C8'	X'001A'	X'1A'
X'C9'	X'001A'	X'1A'
X'CA'	X'001A'	X'1A'
X'CB'	X'001A'	X'1A'
X'CC'	X'001A'	X'1A'
X'CD'	X'001A'	X'1A'
X'CE'	X'001A'	X'1A'
X'CF'	X'001A'	X'1A'
X'D0'	X'001A'	X'1A'
X'D1'	X'001A'	X'1A'
X'D2'	X'001A'	X'1A'
X'D3'	X'001A'	X'1A'
X'D4'	X'001A'	X'1A'
X'D5'	X'001A'	X'1A'
X'D6'	X'001A'	X'1A'
X'D7'	X'001A'	X'1A'
X'D8'	X'001A'	X'1A'
X'D9'	X'001A'	X'1A'
X'DA'	X'001A'	X'1A'
X'DB'	X'001A'	X'1A'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'DC'	X'001A'	X'1A'
X'DD'	X'001A'	X'1A'
X'DE'	X'001A'	X'1A'
X'FB'	X'001A'	X'1A'
X'FC'	X'001A'	X'1A'
X'FD'	X'001A'	X'1A'
X'FE'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'DF'	X'2017'	X'E28097'
X'AF'	X'203E'	X'E280BE'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'B7'	X'2022'	X'E280A2'
X'A7'	X'00A7'	X'C2A7'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'BA'	X'00F7'	X'C3B7'
X'AA'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E0'	X'05D0'	X'D790'
X'E1'	X'05D1'	X'D791'
X'E2'	X'05D2'	X'D792'
X'E3'	X'05D3'	X'D793'
X'E4'	X'05D4'	X'D794'
X'E5'	X'05D5'	X'D795'
X'E6'	X'05D6'	X'D796'
X'E7'	X'05D7'	X'D797'
X'E8'	X'05D8'	X'D798'
X'E9'	X'05D9'	X'D799'
X'EA'	X'05DA'	X'D79A'
X'EB'	X'05DB'	X'D79B'
X'EC'	X'05DC'	X'D79C'
X'ED'	X'05DD'	X'D79D'
X'EE'	X'05DE'	X'D79E'
X'EF'	X'05DF'	X'D79F'
X'F0'	X'05E0'	X'D7A0'
X'F1'	X'05E1'	X'D7A1'
X'F2'	X'05E2'	X'D7A2'
X'F3'	X'05E3'	X'D7A3'
X'F4'	X'05E4'	X'D7A4'
X'F5'	X'05E5'	X'D7A5'

*Table 111. Characters in code page 916 in ascending sort order and their Unicode equivalents (continued)*

Code page 916	UCS-2BE	UTF-8
X'F6'	X'05E6'	X'D7A6'
X'F7'	X'05E7'	X'D7A7'
X'F8'	X'05E8'	X'D7A8'
X'F9'	X'05E9'	X'D7A9'
X'FA'	X'05EA'	X'D7AA'

---

## Code page 920, Generic (SYSTEM\_920)

This is the collation table for code page 920 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_920 collation.

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents*

Code page 920	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'F0'	X'011F'	X'C49F'
X'D0'	X'011E'	X'C49E'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'FD'	X'0131'	X'C4B1'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'DD'	X'0130'	X'C4B0'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'

*Table 112. Characters in code page 920 in ascending sort order and their Unicode equivalents (continued)*

Code page 920	UCS-2BE	UTF-8
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'FE'	X'015F'	X'C59F'
X'DE'	X'015E'	X'C59E'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 921, Generic (SYSTEM\_921)

This is the collation table for code page 921 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_921\_territory collation, where *territory* is not LT.

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents*

Code page 921	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'A1'	X'201D'	X'E2809D'
X'A5'	X'201E'	X'E2809E'
X'B4'	X'201C'	X'E2809C'
X'FF'	X'2019'	X'E28099'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'20AC'	X'E282AC'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'C5'	X'00C5'	X'C385'
X'E5'	X'00E5'	X'C3A5'
X'C4'	X'00C4'	X'C384'
X'E4'	X'00E4'	X'C3A4'
X'C2'	X'0100'	X'C480'
X'E2'	X'0101'	X'C481'
X'C0'	X'0104'	X'C484'
X'E0'	X'0105'	X'C485'
X'AF'	X'00C6'	X'C386'
X'BF'	X'00E6'	X'C3A6'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'C3'	X'0106'	X'C486'
X'E3'	X'0107'	X'C487'
X'C8'	X'010C'	X'C48C'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'E8'	X'010D'	X'C48D'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'C9'	X'00C9'	X'C389'
X'E9'	X'00E9'	X'C3A9'
X'C7'	X'0112'	X'C492'
X'E7'	X'0113'	X'C493'
X'CB'	X'0116'	X'C496'
X'EB'	X'0117'	X'C497'
X'C6'	X'0118'	X'C498'
X'E6'	X'0119'	X'C499'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'CC'	X'0122'	X'C4A2'
X'EC'	X'0123'	X'C4A3'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'CE'	X'012A'	X'C4AA'
X'EE'	X'012B'	X'C4AB'
X'C1'	X'012E'	X'C4AE'
X'E1'	X'012F'	X'C4AF'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'CD'	X'0136'	X'C4B6'
X'ED'	X'0137'	X'C4B7'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'D9'	X'0141'	X'C581'
X'F9'	X'0142'	X'C582'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'CF'	X'013B'	X'C4BB'
X'EF'	X'013C'	X'C4BC'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'D1'	X'0143'	X'C583'
X'F1'	X'0144'	X'C584'
X'D2'	X'0145'	X'C585'
X'F2'	X'0146'	X'C586'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'D3'	X'00D3'	X'C393'
X'F3'	X'00F3'	X'C3B3'
X'D6'	X'00D6'	X'C396'
X'F6'	X'00F6'	X'C3B6'
X'D5'	X'00D5'	X'C395'
X'F5'	X'00F5'	X'C3B5'
X'A8'	X'00D8'	X'C398'
X'B8'	X'00F8'	X'C3B8'
X'D4'	X'014C'	X'C58C'
X'F4'	X'014D'	X'C58D'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'AA'	X'0156'	X'C596'
X'BA'	X'0157'	X'C597'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'DA'	X'015A'	X'C59A'
X'FA'	X'015B'	X'C59B'
X'D0'	X'0160'	X'C5A0'
X'F0'	X'0161'	X'C5A1'
X'DF'	X'00DF'	X'C39F'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'

*Table 113. Characters in code page 921 in ascending sort order and their Unicode equivalents (continued)*

Code page 921	UCS-2BE	UTF-8
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'DC'	X'00DC'	X'C39C'
X'FC'	X'00FC'	X'C3BC'
X'DB'	X'016A'	X'C5AA'
X'FB'	X'016B'	X'C5AB'
X'D8'	X'0172'	X'C5B2'
X'F8'	X'0173'	X'C5B3'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'
X'CA'	X'0179'	X'C5B9'
X'EA'	X'017A'	X'C5BA'
X'DE'	X'017D'	X'C5BD'
X'FE'	X'017E'	X'C5BE'
X'DD'	X'017B'	X'C5BB'
X'FD'	X'017C'	X'C5BC'

---

## Code page 921, Lithuania (SYSTEM\_921\_LT)

This is the collation table for code page 921 databases with SYSTEM collation and territory LT (Lithuania), and for Unicode databases with SYSTEM\_921\_LT collation.

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT*

Code page 921	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'A1'	X'201D'	X'E2809D'
X'A5'	X'201E'	X'E2809E'
X'B4'	X'201C'	X'E2809C'
X'CC'	X'0122'	X'C4A2'
X'CD'	X'0136'	X'C4B6'
X'EC'	X'0123'	X'C4A3'
X'ED'	X'0137'	X'C4B7'
X'FF'	X'2019'	X'E28099'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'20AC'	X'E282AC'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'C5'	X'00C5'	X'C385'
X'E5'	X'00E5'	X'C3A5'
X'C4'	X'00C4'	X'C384'
X'E4'	X'00E4'	X'C3A4'
X'C2'	X'0100'	X'C480'
X'E2'	X'0101'	X'C481'
X'C0'	X'0104'	X'C484'
X'E0'	X'0105'	X'C485'
X'AF'	X'00C6'	X'C386'
X'BF'	X'00E6'	X'C3A6'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'C3'	X'0106'	X'C486'
X'E3'	X'0107'	X'C487'
X'C8'	X'010C'	X'C48C'
X'E8'	X'010D'	X'C48D'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'C9'	X'00C9'	X'C389'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'E9'	X'00E9'	X'C3A9'
X'C7'	X'0112'	X'C492'
X'E7'	X'0113'	X'C493'
X'CB'	X'0116'	X'C496'
X'EB'	X'0117'	X'C497'
X'C6'	X'0118'	X'C498'
X'E6'	X'0119'	X'C499'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'CE'	X'012A'	X'C4AA'
X'EE'	X'012B'	X'C4AB'
X'C1'	X'012E'	X'C4AE'
X'E1'	X'012F'	X'C4AF'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'D9'	X'0141'	X'C581'
X'F9'	X'0142'	X'C582'
X'CF'	X'013B'	X'C4BB'
X'EF'	X'013C'	X'C4BC'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'D1'	X'0143'	X'C583'
X'F1'	X'0144'	X'C584'
X'D2'	X'0145'	X'C585'
X'F2'	X'0146'	X'C586'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'D3'	X'00D3'	X'C393'
X'F3'	X'00F3'	X'C3B3'
X'D6'	X'00D6'	X'C396'
X'F6'	X'00F6'	X'C3B6'
X'D5'	X'00D5'	X'C395'
X'F5'	X'00F5'	X'C3B5'
X'A8'	X'00D8'	X'C398'
X'B8'	X'00F8'	X'C3B8'
X'D4'	X'014C'	X'C58C'
X'F4'	X'014D'	X'C58D'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'AA'	X'0156'	X'C596'
X'BA'	X'0157'	X'C597'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'DA'	X'015A'	X'C59A'
X'FA'	X'015B'	X'C59B'
X'D0'	X'0160'	X'C5A0'
X'F0'	X'0161'	X'C5A1'
X'DF'	X'00DF'	X'C39F'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'DC'	X'00DC'	X'C39C'
X'FC'	X'00FC'	X'C3BC'
X'DB'	X'016A'	X'C5AA'
X'FB'	X'016B'	X'C5AB'
X'D8'	X'0172'	X'C5B2'
X'F8'	X'0173'	X'C5B3'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'

*Table 114. Characters in code page 921 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 921	UCS-2BE	UTF-8
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'
X'CA'	X'0179'	X'C5B9'
X'EA'	X'017A'	X'C5BA'
X'DE'	X'017D'	X'C5BD'
X'FE'	X'017E'	X'C5BE'
X'DD'	X'017B'	X'C5BB'
X'FD'	X'017C'	X'C5BC'

---

## Code page 922, Generic (SYSTEM\_922)

This is the collation table for code page 922 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_922 collation.

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents*

Code page 922	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'A6'	X'00A6'	X'C2A6'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'20AC'	X'E282AC'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'D5'	X'00D5'	X'C395'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'F0'	X'0161'	X'C5A1'
X'D0'	X'0160'	X'C5A0'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'FE'	X'017E'	X'C5BE'
X'DE'	X'017D'	X'C5BD'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'

*Table 115. Characters in code page 922 in ascending sort order and their Unicode equivalents (continued)*

Code page 922	UCS-2BE	UTF-8
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'

## Code page 923, Generic (SYSTEM\_923)

This is the collation table for code page 923 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_923\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents*

Code page 923	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'AF'	X'00AF'	X'C2AF'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A4'	X'20AC'	X'E282AC'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'BD'	X'0153'	X'C593'
X'BC'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'A8'	X'0161'	X'C5A1'
X'A6'	X'0160'	X'C5A0'

*Table 116. Characters in code page 923 in ascending sort order and their Unicode equivalents (continued)*

Code page 923	UCS-2BE	UTF-8
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'BE'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'B8'	X'017E'	X'C5BE'
X'B4'	X'017D'	X'C5BD'

---

## Code page 923, Denmark (SYSTEM\_923\_DK)

This is the collation table for code page 923 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_923\_DK collation.

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK*

Code page 923	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'AF'	X'00AF'	X'C2AF'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A4'	X'20AC'	X'E282AC'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'BD'	X'0153'	X'C593'
X'BC'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A8'	X'0161'	X'C5A1'
X'A6'	X'0160'	X'C5A0'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'

*Table 117. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 923	UCS-2BE	UTF-8
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'BE'	X'0178'	X'C5B8'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'B8'	X'017E'	X'C5BE'
X'B4'	X'017D'	X'C5BD'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

---

## Code page 923, Finland and Sweden (**SYSTEM\_923\_FI** and **SYSTEM\_923\_SE**)

This is the collation table for code page 923 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with **SYSTEM\_923\_FI** or **SYSTEM\_923\_SE** collation.

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE*

Code page 923	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'AF'	X'00AF'	X'C2AF'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'A4'	X'20AC'	X'E282AC'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'BD'	X'0153'	X'C593'
X'BC'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A8'	X'0161'	X'C5A1'
X'A6'	X'0160'	X'C5A0'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'BE'	X'0178'	X'C5B8'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'

*Table 118. Characters in code page 923 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 923	UCS-2BE	UTF-8
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'B8'	X'017E'	X'C5BE'
X'B4'	X'017D'	X'C5BD'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

---

## Code page 923, Norway (SYSTEM\_923\_NO)

This is the collation table for code page 923 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_923\_NO collation.

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO*

Code page 923	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'AF'	X'00AF'	X'C2AF'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A4'	X'20AC'	X'E282AC'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'BD'	X'0153'	X'C593'
X'BC'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A8'	X'0161'	X'C5A1'
X'A6'	X'0160'	X'C5A0'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'BE'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'B8'	X'017E'	X'C5BE'
X'B4'	X'017D'	X'C5BD'
X'E6'	X'00E6'	X'C3A6'

*Table 119. Characters in code page 923 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 923	UCS-2BE	UTF-8
X'C6'	X'00C6'	X'C386'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

## Code page 932 and 943, Generic (SYSTEM\_932 and SYSTEM\_943)

This is the collation table for code page 932 and 943 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_932 and SYSTEM\_943 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents*

Code page 943 and 932	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'7E'	X'007E'	X'7E'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'5C'	X'005C'	X'5C'
X'2A'	X'002A'	X'2A'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A1'	X'FF61'	X'EFBDA1'
X'A2'	X'FF62'	X'EFBDA2'
X'A3'	X'FF63'	X'EFBDA3'
X'A4'	X'FF64'	X'EFBDA4'
X'A5'	X'FF65'	X'EFBDA5'
X'A6'	X'FF66'	X'EFBDA6'
X'A7'	X'FF67'	X'EFBDA7'
X'A8'	X'FF68'	X'EFBDA8'
X'A9'	X'FF69'	X'EFBDA9'
X'AA'	X'FF6A'	X'EFBDAA'
X'AB'	X'FF6B'	X'EFBDAB'
X'AC'	X'FF6C'	X'EFBDAC'
X'AD'	X'FF6D'	X'EFBDAD'

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'AE'	X'FF6E'	X'EFBDAE'
X'AF'	X'FF6F'	X'EFBDAF'
X'B0'	X'FF70'	X'EFBDB0'
X'B1'	X'FF71'	X'EFBDB1'
X'B2'	X'FF72'	X'EFBDB2'
X'B3'	X'FF73'	X'EFBDB3'
X'B4'	X'FF74'	X'EFBDB4'
X'B5'	X'FF75'	X'EFBDB5'
X'B6'	X'FF76'	X'EFBDB6'
X'B7'	X'FF77'	X'EFBDB7'
X'B8'	X'FF78'	X'EFBDB8'
X'B9'	X'FF79'	X'EFBDB9'
X'BA'	X'FF7A'	X'EFBDBA'
X'BB'	X'FF7B'	X'EFBDDB'
X'BC'	X'FF7C'	X'EFBDBC'
X'BD'	X'FF7D'	X'EFBDDBD'
X'BE'	X'FF7E'	X'EFBDDE'
X'BF'	X'FF7F'	X'EFBDFF'
X'C0'	X'FF80'	X'EFBE80'
X'C1'	X'FF81'	X'EFBE81'
X'C2'	X'FF82'	X'EFBE82'
X'C3'	X'FF83'	X'EFBE83'
X'C4'	X'FF84'	X'EFBE84'
X'C5'	X'FF85'	X'EFBE85'
X'C6'	X'FF86'	X'EFBE86'
X'C7'	X'FF87'	X'EFBE87'
X'C8'	X'FF88'	X'EFBE88'
X'C9'	X'FF89'	X'EFBE89'
X'CA'	X'FF8A'	X'EFBE8A'
X'CB'	X'FF8B'	X'EFBE8B'
X'CC'	X'FF8C'	X'EFBE8C'
X'CD'	X'FF8D'	X'EFBE8D'
X'CE'	X'FF8E'	X'EFBE8E'
X'CF'	X'FF8F'	X'EFBE8F'
X'D0'	X'FF90'	X'EFBE90'
X'D1'	X'FF91'	X'EFBE91'
X'D2'	X'FF92'	X'EFBE92'
X'D3'	X'FF93'	X'EFBE93'
X'D4'	X'FF94'	X'EFBE94'

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'D5'	X'FF95'	X'EFBE95'
X'D6'	X'FF96'	X'EFBE96'
X'D7'	X'FF97'	X'EFBE97'
X'D8'	X'FF98'	X'EFBE98'
X'D9'	X'FF99'	X'EFBE99'
X'DA'	X'FF9A'	X'EFBE9A'
X'DB'	X'FF9B'	X'EFBE9B'
X'DC'	X'FF9C'	X'EFBE9C'
X'DD'	X'FF9D'	X'EFBE9D'
X'DE'	X'FF9E'	X'EFBE9E'
X'DF'	X'FF9F'	X'EFBE9F'
X'80'	X'001A'	X'1A'
X'81'	-	-
X'82'	-	-
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-

*Table 120. Characters in code page 943 and 932 in ascending sort order and their Unicode equivalents (continued)*

Code page 943 and 932	UCS-2BE	UTF-8
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	X'001A'	X'1A'
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	X'001A'	X'1A'
X'FE'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'

## Code page 938, Generic (SYSTEM\_938)

This is the collation table for code page 938 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_938 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents*

Code page 938	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'00A2'	X'C2A2'
X'81'	X'00ac'	X'c2ac'
X'82'	X'00a6'	X'c2a6'
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-

*Table 121. Characters in code page 938 in ascending sort order and their Unicode equivalents (continued)*

Code page 938	UCS-2BE	UTF-8
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	X'00AC'	X'C2AC'
X'FE'	X'00A6'	X'C2A6'
X'FF'	X'001A'	X'1A'

---

## Code page 942 and 5039, Generic (SYSTEM\_942 and SYSTEM\_5039)

This is the collation table for code page 942 and 5039 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_942 and SYSTEM\_5039 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents*

Code page 942 and 5039	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'7E'	X'007E'	X'7E'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'FF'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'80'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A0'	X'00A3'	X'C2A3'
X'5C'	X'005C'	X'5C'
X'2A'	X'002A'	X'2A'
X'FE'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'FD'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A1'	X'FF61'	X'EFBDA1'
X'A2'	X'FF62'	X'EFBDA2'
X'A3'	X'FF63'	X'EFBDA3'
X'A4'	X'FF64'	X'EFBDA4'
X'A5'	X'FF65'	X'EFBDA5'
X'A6'	X'FF66'	X'EFBDA6'
X'A7'	X'FF67'	X'EFBDA7'
X'A8'	X'FF68'	X'EFBDA8'
X'A9'	X'FF69'	X'EFBDA9'
X'AA'	X'FF6A'	X'EFBDAA'
X'AB'	X'FF6B'	X'EFBDAB'
X'AC'	X'FF6C'	X'EFBDAC'
X'AD'	X'FF6D'	X'EFBDAD'
X'AE'	X'FF6E'	X'EFBDAAE'
X'AF'	X'FF6F'	X'EFBDAAF'
X'B0'	X'FF70'	X'EFBDB0'
X'B1'	X'FF71'	X'EFBDB1'
X'B2'	X'FF72'	X'EFBDB2'
X'B3'	X'FF73'	X'EFBDB3'
X'B4'	X'FF74'	X'EFBDB4'
X'B5'	X'FF75'	X'EFBDB5'
X'B6'	X'FF76'	X'EFBDB6'
X'B7'	X'FF77'	X'EFBDB7'

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'B8'	X'FF78'	X'EFBDB8'
X'B9'	X'FF79'	X'EFBDB9'
X'BA'	X'FF7A'	X'EFBDAA'
X'BB'	X'FF7B'	X'EFBDAB'
X'BC'	X'FF7C'	X'EFBDAC'
X'BD'	X'FF7D'	X'EFBDAD'
X'BE'	X'FF7E'	X'EFBDABE'
X'BF'	X'FF7F'	X'EFBDABF'
X'C0'	X'FF80'	X'EFBE80'
X'C1'	X'FF81'	X'EFBE81'
X'C2'	X'FF82'	X'EFBE82'
X'C3'	X'FF83'	X'EFBE83'
X'C4'	X'FF84'	X'EFBE84'
X'C5'	X'FF85'	X'EFBE85'
X'C6'	X'FF86'	X'EFBE86'
X'C7'	X'FF87'	X'EFBE87'
X'C8'	X'FF88'	X'EFBE88'
X'C9'	X'FF89'	X'EFBE89'
X'CA'	X'FF8A'	X'EFBE8A'
X'CB'	X'FF8B'	X'EFBE8B'
X'CC'	X'FF8C'	X'EFBE8C'
X'CD'	X'FF8D'	X'EFBE8D'
X'CE'	X'FF8E'	X'EFBE8E'
X'CF'	X'FF8F'	X'EFBE8F'
X'D0'	X'FF90'	X'EFBE90'
X'D1'	X'FF91'	X'EFBE91'
X'D2'	X'FF92'	X'EFBE92'
X'D3'	X'FF93'	X'EFBE93'
X'D4'	X'FF94'	X'EFBE94'
X'D5'	X'FF95'	X'EFBE95'
X'D6'	X'FF96'	X'EFBE96'
X'D7'	X'FF97'	X'EFBE97'
X'D8'	X'FF98'	X'EFBE98'
X'D9'	X'FF99'	X'EFBE99'
X'DA'	X'FF9A'	X'EFBE9A'
X'DB'	X'FF9B'	X'EFBE9B'
X'DC'	X'FF9C'	X'EFBE9C'
X'DD'	X'FF9D'	X'EFBE9D'
X'DE'	X'FF9E'	X'EFBE9E'

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'DF'	X'FF9F'	X'EFBE9F'
X'81'	-	-
X'82'	-	-
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-

*Table 122. Characters in code page 942 and 5039 in ascending sort order and their Unicode equivalents (continued)*

Code page 942 and 5039	UCS-2BE	UTF-8
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-

---

## Code page 948, Generic (SYSTEM\_948)

This is the collation table for code page 948 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_948 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents*

Code page 948	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'00A2'	X'C2A2'
X'81'	X'00ac'	X'c2ac'
X'82'	X'00a6'	X'c2a6'
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-

*Table 123. Characters in code page 948 in ascending sort order and their Unicode equivalents (continued)*

Code page 948	UCS-2BE	UTF-8
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	X'00AC'	X'C2AC'
X'FE'	X'00A6'	X'C2A6'
X'FF'	X'001A'	X'1A'

---

## Code page 949, Generic (SYSTEM\_949)

This is the collation table for code page 949 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_949 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents*

Code page 949	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'00A2'	X'C2A2'
X'81'	X'00AC'	X'C2AC'
X'82'	X'005C'	X'5C'

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'83'	X'203E'	X'E280BE'
X'84'	X'00A6'	X'C2A6'
X'85'	X'001A'	X'1A'
X'86'	X'001A'	X'1A'
X'87'	X'001A'	X'1A'
X'88'	X'001A'	X'1A'
X'89'	X'001A'	X'1A'
X'8A'	X'001A'	X'1A'
X'8B'	X'001A'	X'1A'
X'8C'	X'001A'	X'1A'
X'8D'	X'001A'	X'1A'
X'8E'	X'001A'	X'1A'
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-

*Table 124. Characters in code page 949 in ascending sort order and their Unicode equivalents (continued)*

Code page 949	UCS-2BE	UTF-8
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 950, Generic (SYSTEM\_950)

This is the collation table for code page 950 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_950 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents*

Code page 950	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'20AC'	X'E282AC'
X'81'	-	-
X'82'	-	-
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-

*Table 125. Characters in code page 950 in ascending sort order and their Unicode equivalents (continued)*

Code page 950	UCS-2BE	UTF-8
X'FF'	X'001A'	X'1A'

## Code page 954, Generic (SYSTEM\_954)

This is the collation table for code page 954 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_954 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents*

Code page 954	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'0090'	X'c290'
X'8F'	X'0091'	X'c291'
X'90'	X'0090'	X'C290'

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A0'	X'001A'	X'1A'
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-

*Table 126. Characters in code page 954 in ascending sort order and their Unicode equivalents (continued)*

Code page 954	UCS-2BE	UTF-8
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 964, Generic (SYSTEM\_964)

This is the collation table for code page 964 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_964 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if

the code point value represents the first byte of a multibyte character.

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents*

<b>Code page 964</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'0090'	X'c290'
X'8F'	X'001A'	X'1A'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A0'	X'001A'	X'1A'
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'BO'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-

*Table 127. Characters in code page 964 in ascending sort order and their Unicode equivalents (continued)*

Code page 964	UCS-2BE	UTF-8
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 970, Generic (SYSTEM\_970)

This is the collation table for code page 970 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_970 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents*

Code page 970	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'001A'	X'1A'
X'8F'	X'001A'	X'1A'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A0'	X'001A'	X'1A'
X'A1'	-	-

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-

*Table 128. Characters in code page 970 in ascending sort order and their Unicode equivalents (continued)*

Code page 970	UCS-2BE	UTF-8
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 1046, Generic (SYSTEM\_1046)

This is the collation table for code page 1046 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1046 collation.

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents*

Code page 1046	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'88'	X'0088'	X'C288'
X'FF'	X'20AC'	X'E282AC'
X'20'	X'0020'	X'20'
X'89'	X'25A0'	X'E296A0'
X'8A'	X'2502'	X'E29482'
X'8B'	X'2500'	X'E29480'
X'8C'	X'2510'	X'E29490'
X'8D'	X'250C'	X'E2948C'
X'8E'	X'2514'	X'E29494'
X'8F'	X'2518'	X'E29498'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'AC'	X'060C'	X'D88C'
X'3B'	X'003B'	X'3B'
X'BB'	X'061B'	X'D89B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'BF'	X'061F'	X'D89F'
X'2F'	X'002F'	X'2F'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'82'	X'00F7'	X'C3B7'
X'81'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'F6'	X'200B'	X'E2808B'
X'30'	X'0030'	X'30'
X'B0'	X'0660'	X'D9A0'
X'31'	X'0031'	X'31'
X'B1'	X'0661'	X'D9A1'
X'32'	X'0032'	X'32'
X'B2'	X'0662'	X'D9A2'
X'33'	X'0033'	X'33'
X'B3'	X'0663'	X'D9A3'
X'34'	X'0034'	X'34'
X'B4'	X'0664'	X'D9A4'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'35'	X'0035'	X'35'
X'B5'	X'0665'	X'D9A5'
X'36'	X'0036'	X'36'
X'B6'	X'0666'	X'D9A6'
X'37'	X'0037'	X'37'
X'B7'	X'0667'	X'D9A7'
X'38'	X'0038'	X'38'
X'B8'	X'0668'	X'D9A8'
X'39'	X'0039'	X'39'
X'B9'	X'0669'	X'D9A9'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0621'	X'D8A1'
X'C2'	X'0622'	X'D8A2'
X'DC'	X'FE82'	X'EFBA82'
X'A1'	X'FE82'	X'EFBA82'
X'C3'	X'0623'	X'D8A3'
X'DD'	X'FE84'	X'EFBA84'
X'A2'	X'FE84'	X'EFBA84'
X'C4'	X'0624'	X'D8A4'
X'C5'	X'0625'	X'D8A5'
X'80'	X'FE88'	X'EFBA88'
X'A3'	X'FE88'	X'EFBA88'
X'A6'	X'FE8B'	X'EFBA8B'
X'95'	X'FE8A'	X'EFBA8A'
X'C6'	X'0626'	X'D8A6'
X'C7'	X'0627'	X'D8A7'
X'DE'	X'FE8E'	X'EFBA8E'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'A5'	X'FE8E'	X'EFBA8E'
X'C8'	X'0628'	X'D8A8'
X'A7'	X'FE91'	X'EFBA91'
X'C9'	X'0629'	X'D8A9'
X'CA'	X'062A'	X'D8AA'
X'A8'	X'FE97'	X'EFBA97'
X'CB'	X'062B'	X'D8AB'
X'A9'	X'FE9B'	X'EFBA9B'
X'CC'	X'062C'	X'D8AC'
X'AA'	X'FE9F'	X'EFBA9F'
X'CD'	X'062D'	X'D8AD'
X'AB'	X'FEA3'	X'EFBA3'
X'CE'	X'062E'	X'D8AE'
X'AE'	X'FEA7'	X'EFBA7'
X'CF'	X'062F'	X'D8AF'
X'D0'	X'0630'	X'D8B0'
X'D1'	X'0631'	X'D8B1'
X'D2'	X'0632'	X'D8B2'
X'D3'	X'0633'	X'D8B3'
X'83'	X'FEB1'	X'EFBAB1'
X'AF'	X'FEB3'	X'EFBAB3'
X'D4'	X'0634'	X'D8B4'
X'84'	X'FEB5'	X'EFBAB5'
X'BA'	X'FEB7'	X'EFBAB7'
X'D5'	X'0635'	X'D8B5'
X'85'	X'FEB9'	X'EFBAB9'
X'BC'	X'FEBB'	X'EFBABB'
X'D6'	X'0636'	X'D8B6'
X'86'	X'FEBD'	X'EFBABD'
X'BD'	X'FEBF'	X'EFBABF'
X'D7'	X'0637'	X'D8B7'
X'D8'	X'0638'	X'D8B8'
X'D9'	X'0639'	X'D8B9'
X'BE'	X'FECA'	X'EFBB8A'
X'C0'	X'FECB'	X'EFBB8B'
X'DB'	X'FECC'	X'EFBB8C'
X'DA'	X'063A'	X'D8BA'
X'99'	X'FECE'	X'EFBB8E'
X'9A'	X'FECF'	X'EFBB8F'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'9B'	X'FED0'	X'EFBB90'
X'E1'	X'0641'	X'D981'
X'DF'	X'FED3'	X'EFBB93'
X'E2'	X'0642'	X'D982'
X'F3'	X'FED7'	X'EFBB97'
X'E3'	X'0643'	X'D983'
X'F4'	X'FEDB'	X'EFBB9B'
X'E4'	X'0644'	X'D984'
X'F5'	X'FEDF'	X'EFBB9F'
X'F7'	X'FEF5'	X'EFBBBB5'
X'9C'	X'FEF6'	X'EFBBBB6'
X'F8'	X'FEF7'	X'EFBBBB7'
X'9D'	X'FEF8'	X'EFBBBB8'
X'F9'	X'FEF9'	X'EFBBBB9'
X'9E'	X'FEFA'	X'EFBBBBA'
X'FA'	X'FEFB'	X'EFBBBBB'
X'9F'	X'FEFC'	X'EFBBBBC'
X'E5'	X'0645'	X'D985'
X'FB'	X'FEE3'	X'EFBBA3'
X'E6'	X'0646'	X'D986'
X'FC'	X'FEE7'	X'EFBBA7'
X'FE'	X'FEE9'	X'EFBBA9'
X'E7'	X'0647'	X'D987'
X'FD'	X'FEEC'	X'EFBBAC'
X'E8'	X'0648'	X'D988'
X'E9'	X'0649'	X'D989'
X'96'	X'FEF0'	X'EFBBBB0'
X'EA'	X'064A'	X'D98A'
X'98'	X'FEF2'	X'EFBBBB2'
X'97'	X'FEF3'	X'EFBBBB3'
X'EB'	X'064B'	X'D98B'
X'87'	X'FE71'	X'EFB9B1'
X'EC'	X'064C'	X'D98C'
X'ED'	X'064D'	X'D98D'
X'EE'	X'064E'	X'D98E'
X'94'	X'FE77'	X'EFB9B7'
X'EF'	X'064F'	X'D98F'
X'90'	X'FE79'	X'EFB9B9'
X'F0'	X'0650'	X'D990'

*Table 129. Characters in code page 1046 in ascending sort order and their Unicode equivalents (continued)*

Code page 1046	UCS-2BE	UTF-8
X'91'	X'FE7B'	X'EFB9BB'
X'F2'	X'0652'	X'D992'
X'93'	X'FE7F'	X'EFB9BF'
X'F1'	X'0651'	X'D991'
X'92'	X'FE7D'	X'EFB9BD'
X'E0'	X'0640'	X'D980'

---

## Code page 1051, Generic (SYSTEM\_1051)

This is the collation table for code page 1051 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1051\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents*

Code page 1051	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'B0'	X'203E'	X'E280BE'
X'BE'	X'0192'	X'C692'
X'F3'	X'03BC'	X'CEBC'
X'FC'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'F6'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'B8'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'B9'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'A8'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A9'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'AA'	X'02C6'	X'CB86'
X'AB'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'AC'	X'02DC'	X'CB9C'
X'F2'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'FB'	X'00AB'	X'C2AB'
X'FD'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BD'	X'00A7'	X'C2A7'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'F4'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'BA'	X'00A4'	X'C2A4'
X'BF'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'BB'	X'00A3'	X'C2A3'
X'AF'	X'00A3'	X'C2A3'
X'BC'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'FE'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'B3'	X'02DA'	X'CB9A'
X'A0'	X'001A'	X'1A'
X'30'	X'0030'	X'30'
X'F7'	X'00BC'	X'C2BC'
X'F8'	X'00BD'	X'C2BD'
X'F5'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'F9'	X'00AA'	X'C2AA'
X'C4'	X'00E1'	X'C3A1'
X'E0'	X'00C1'	X'C381'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C8'	X'00E0'	X'C3A0'
X'A1'	X'00C0'	X'C380'
X'C0'	X'00E2'	X'C3A2'
X'A2'	X'00C2'	X'C382'
X'D4'	X'00E5'	X'C3A5'
X'D0'	X'00C5'	X'C385'
X'CC'	X'00E4'	X'C3A4'
X'D8'	X'00C4'	X'C384'
X'E2'	X'00E3'	X'C3A3'
X'E1'	X'00C3'	X'C383'
X'D7'	X'00E6'	X'C3A6'
X'D3'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'B5'	X'00E7'	X'C3A7'
X'B4'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'E4'	X'00F0'	X'C3B0'
X'E3'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'C5'	X'00E9'	X'C3A9'
X'DC'	X'00C9'	X'C389'
X'C9'	X'00E8'	X'C3A8'
X'A3'	X'00C8'	X'C388'
X'C1'	X'00EA'	X'C3AA'
X'A4'	X'00CA'	X'C38A'
X'CD'	X'00EB'	X'C3AB'
X'A5'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'49'	X'0049'	X'49'
X'D5'	X'00ED'	X'C3AD'
X'E5'	X'00CD'	X'C38D'
X'D9'	X'00EC'	X'C3AC'
X'E6'	X'00CC'	X'C38C'
X'D1'	X'00EE'	X'C3AE'
X'A6'	X'00CE'	X'C38E'
X'DD'	X'00EF'	X'C3AF'
X'A7'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'B7'	X'00F1'	X'C3B1'
X'B6'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'FA'	X'00BA'	X'C2BA'
X'C6'	X'00F3'	X'C3B3'
X'E7'	X'00D3'	X'C393'
X'CA'	X'00F2'	X'C3B2'
X'E8'	X'00D2'	X'C392'
X'C2'	X'00F4'	X'C3B4'
X'DF'	X'00D4'	X'C394'
X'CE'	X'00F6'	X'C3B6'
X'DA'	X'00D6'	X'C396'
X'EA'	X'00F5'	X'C3B5'
X'E9'	X'00D5'	X'C395'
X'D6'	X'00F8'	X'C3B8'
X'D2'	X'00D8'	X'C398'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'

*Table 130. Characters in code page 1051 in ascending sort order and their Unicode equivalents (continued)*

Code page 1051	UCS-2BE	UTF-8
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DE'	X'00DF'	X'C39F'
X'EC'	X'0161'	X'C5A1'
X'EB'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'F1'	X'00FE'	X'C3BE'
X'F0'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'C7'	X'00FA'	X'C3BA'
X'ED'	X'00DA'	X'C39A'
X'CB'	X'00F9'	X'C3B9'
X'AD'	X'00D9'	X'C399'
X'C3'	X'00FB'	X'C3BB'
X'AE'	X'00DB'	X'C39B'
X'CF'	X'00FC'	X'C3BC'
X'DB'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'B2'	X'00FD'	X'C3BD'
X'B1'	X'00DD'	X'C39D'
X'EF'	X'00FF'	X'C3BF'
X'EE'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1051, Denmark (SYSTEM\_1051\_DK)

This is the collation table for code page 1051 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_1051\_DK collation.

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK*

Code page 1051	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'B0'	X'203E'	X'E280BE'
X'BE'	X'0192'	X'C692'
X'F3'	X'03BC'	X'CEBC'
X'FC'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'F6'	X'002D'	X'2D'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'B8'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'B9'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'A8'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A9'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'AA'	X'02C6'	X'CB86'
X'AB'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'AC'	X'02DC'	X'CB9C'
X'F2'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'FB'	X'00AB'	X'C2AB'
X'FD'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BD'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'BA'	X'00A4'	X'C2A4'
X'BF'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'BB'	X'00A3'	X'C2A3'
X'AF'	X'00A3'	X'C2A3'
X'BC'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'FE'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'B3'	X'02DA'	X'CB9A'
X'A0'	X'001A'	X'1A'
X'30'	X'0030'	X'30'
X'F7'	X'00BC'	X'C2BC'
X'F8'	X'00BD'	X'C2BD'
X'F5'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'F9'	X'00AA'	X'C2AA'
X'C4'	X'00E1'	X'C3A1'
X'E0'	X'00C1'	X'C381'
X'C8'	X'00E0'	X'C3A0'
X'A1'	X'00C0'	X'C380'
X'C0'	X'00E2'	X'C3A2'
X'A2'	X'00C2'	X'C382'
X'E2'	X'00E3'	X'C3A3'
X'E1'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'B5'	X'00E7'	X'C3A7'
X'B4'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'E4'	X'00F0'	X'C3B0'
X'E3'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'C5'	X'00E9'	X'C3A9'
X'DC'	X'00C9'	X'C389'
X'C9'	X'00E8'	X'C3A8'
X'A3'	X'00C8'	X'C388'
X'C1'	X'00EA'	X'C3AA'
X'A4'	X'00CA'	X'C38A'
X'CD'	X'00EB'	X'C3AB'
X'A5'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'D5'	X'00ED'	X'C3AD'
X'E5'	X'00CD'	X'C38D'
X'D9'	X'00EC'	X'C3AC'
X'E6'	X'00CC'	X'C38C'
X'D1'	X'00EE'	X'C3AE'
X'A6'	X'00CE'	X'C38E'
X'DD'	X'00EF'	X'C3AF'
X'A7'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'B7'	X'00F1'	X'C3B1'
X'B6'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'FA'	X'00BA'	X'C2BA'
X'C6'	X'00F3'	X'C3B3'
X'E7'	X'00D3'	X'C393'
X'CA'	X'00F2'	X'C3B2'
X'E8'	X'00D2'	X'C392'
X'C2'	X'00F4'	X'C3B4'
X'DF'	X'00D4'	X'C394'
X'EA'	X'00F5'	X'C3B5'
X'E9'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DE'	X'00DF'	X'C39F'
X'EC'	X'0161'	X'C5A1'
X'EB'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'F1'	X'00FE'	X'C3BE'
X'F0'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'C7'	X'00FA'	X'C3BA'
X'ED'	X'00DA'	X'C39A'
X'CB'	X'00F9'	X'C3B9'
X'AD'	X'00D9'	X'C399'
X'C3'	X'00FB'	X'C3BB'
X'AE'	X'00DB'	X'C39B'

*Table 131. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1051	UCS-2BE	UTF-8
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'B2'	X'00FD'	X'C3BD'
X'B1'	X'00DD'	X'C39D'
X'EF'	X'00FF'	X'C3BF'
X'EE'	X'0178'	X'C5B8'
X'CF'	X'00FC'	X'C3BC'
X'DB'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'D7'	X'00E6'	X'C3A6'
X'D3'	X'00C6'	X'C386'
X'CC'	X'00E4'	X'C3A4'
X'D8'	X'00C4'	X'C384'
X'D6'	X'00F8'	X'C3B8'
X'D2'	X'00D8'	X'C398'
X'CE'	X'00F6'	X'C3B6'
X'DA'	X'00D6'	X'C396'
X'D4'	X'00E5'	X'C3A5'
X'D0'	X'00C5'	X'C385'

---

## Code page 1051, Finland and Sweden (SYSTEM\_1051\_FI and SYSTEM\_1051\_SE)

This is the collation table for code page 1051 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_1051\_FI or SYSTEM\_1051\_SE collation.

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE*

Code page 1051	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'B0'	X'203E'	X'E280BE'
X'BE'	X'0192'	X'C692'
X'F3'	X'03BC'	X'CEBC'
X'FC'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'F6'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'B8'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'B9'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'2E'	X'002E'	X'2E'
X'A8'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A9'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'AA'	X'02C6'	X'CB86'
X'AB'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'AC'	X'02DC'	X'CB9C'
X'F2'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'FB'	X'00AB'	X'C2AB'
X'FD'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BD'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'BA'	X'00A4'	X'C2A4'
X'BF'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'BB'	X'00A3'	X'C2A3'
X'AF'	X'00A3'	X'C2A3'
X'BC'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'FE'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'7C'	X'007C'	X'7C'
X'B3'	X'02DA'	X'CB9A'
X'A0'	X'001A'	X'1A'
X'30'	X'0030'	X'30'
X'F7'	X'00BC'	X'C2BC'
X'F8'	X'00BD'	X'C2BD'
X'F5'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'F9'	X'00AA'	X'C2AA'
X'C4'	X'00E1'	X'C3A1'
X'E0'	X'00C1'	X'C381'
X'C8'	X'00E0'	X'C3A0'
X'A1'	X'00C0'	X'C380'
X'C0'	X'00E2'	X'C3A2'
X'A2'	X'00C2'	X'C382'
X'E2'	X'00E3'	X'C3A3'
X'E1'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'B5'	X'00E7'	X'C3A7'
X'B4'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'E4'	X'00F0'	X'C3B0'
X'E3'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C5'	X'00E9'	X'C3A9'
X'DC'	X'00C9'	X'C389'
X'C9'	X'00E8'	X'C3A8'
X'A3'	X'00C8'	X'C388'
X'C1'	X'00EA'	X'C3AA'
X'A4'	X'00CA'	X'C38A'
X'CD'	X'00EB'	X'C3AB'
X'A5'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'D5'	X'00ED'	X'C3AD'
X'E5'	X'00CD'	X'C38D'
X'D9'	X'00EC'	X'C3AC'
X'E6'	X'00CC'	X'C38C'
X'D1'	X'00EE'	X'C3AE'
X'A6'	X'00CE'	X'C38E'
X'DD'	X'00EF'	X'C3AF'
X'A7'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'B7'	X'00F1'	X'C3B1'
X'B6'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'FA'	X'00BA'	X'C2BA'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C6'	X'00F3'	X'C3B3'
X'E7'	X'00D3'	X'C393'
X'CA'	X'00F2'	X'C3B2'
X'E8'	X'00D2'	X'C392'
X'C2'	X'00F4'	X'C3B4'
X'DF'	X'00D4'	X'C394'
X'EA'	X'00F5'	X'C3B5'
X'E9'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DE'	X'00DF'	X'C39F'
X'EC'	X'0161'	X'C5A1'
X'EB'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'F1'	X'00FE'	X'C3BE'
X'F0'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'C7'	X'00FA'	X'C3BA'
X'ED'	X'00DA'	X'C39A'
X'CB'	X'00F9'	X'C3B9'
X'AD'	X'00D9'	X'C399'
X'C3'	X'00FB'	X'C3BB'
X'AE'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'

*Table 132. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1051	UCS-2BE	UTF-8
X'B2'	X'00FD'	X'C3BD'
X'B1'	X'00DD'	X'C39D'
X'EF'	X'00FF'	X'C3BF'
X'EE'	X'0178'	X'C5B8'
X'CF'	X'00FC'	X'C3BC'
X'DB'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'D4'	X'00E5'	X'C3A5'
X'D0'	X'00C5'	X'C385'
X'CC'	X'00E4'	X'C3A4'
X'D8'	X'00C4'	X'C384'
X'D7'	X'00E6'	X'C3A6'
X'D3'	X'00C6'	X'C386'
X'CE'	X'00F6'	X'C3B6'
X'DA'	X'00D6'	X'C396'
X'D6'	X'00F8'	X'C3B8'
X'D2'	X'00D8'	X'C398'

---

## Code page 1051, Iceland (SYSTEM\_1051\_IS)

This is the collation table for code page 1051 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_1051\_IS collation.

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS*

Code page 1051	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'B0'	X'203E'	X'E280BE'
X'BE'	X'0192'	X'C692'
X'F3'	X'03BC'	X'CEBC'
X'FC'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'F6'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'B8'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'B9'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'A8'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A9'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'AA'	X'02C6'	X'CB86'
X'AB'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'AC'	X'02DC'	X'CB9C'
X'F2'	X'00B7'	X'C2B7'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'FB'	X'00AB'	X'C2AB'
X'FD'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BD'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'BA'	X'00A4'	X'C2A4'
X'BF'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'BB'	X'00A3'	X'C2A3'
X'AF'	X'00A3'	X'C2A3'
X'BC'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'FE'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'B3'	X'02DA'	X'CB9A'
X'A0'	X'001A'	X'1A'
X'30'	X'0030'	X'30'
X'F7'	X'00BC'	X'C2BC'
X'F8'	X'00BD'	X'C2BD'
X'F5'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'F9'	X'00AA'	X'C2AA'
X'C8'	X'00E0'	X'C3A0'
X'A1'	X'00C0'	X'C380'
X'C0'	X'00E2'	X'C3A2'
X'A2'	X'00C2'	X'C382'
X'D4'	X'00E5'	X'C3A5'
X'D0'	X'00C5'	X'C385'
X'CC'	X'00E4'	X'C3A4'
X'D8'	X'00C4'	X'C384'
X'E2'	X'00E3'	X'C3A3'
X'E1'	X'00C3'	X'C383'
X'C4'	X'00E1'	X'C3A1'
X'E0'	X'00C1'	X'C381'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'B5'	X'00E7'	X'C3A7'
X'B4'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'E4'	X'00F0'	X'C3B0'
X'E3'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'C9'	X'00E8'	X'C3A8'
X'A3'	X'00C8'	X'C388'
X'C1'	X'00EA'	X'C3AA'
X'A4'	X'00CA'	X'C38A'
X'CD'	X'00EB'	X'C3AB'
X'A5'	X'00CB'	X'C38B'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C5'	X'00E9'	X'C3A9'
X'DC'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'D9'	X'00EC'	X'C3AC'
X'E6'	X'00CC'	X'C38C'
X'D1'	X'00EE'	X'C3AE'
X'A6'	X'00CE'	X'C38E'
X'DD'	X'00EF'	X'C3AF'
X'A7'	X'00CF'	X'C38F'
X'D5'	X'00ED'	X'C3AD'
X'E5'	X'00CD'	X'C38D'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'B7'	X'00F1'	X'C3B1'
X'B6'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'FA'	X'00BA'	X'C2BA'
X'CA'	X'00F2'	X'C3B2'
X'E8'	X'00D2'	X'C392'
X'C2'	X'00F4'	X'C3B4'
X'DF'	X'00D4'	X'C394'
X'EA'	X'00F5'	X'C3B5'
X'E9'	X'00D5'	X'C395'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C6'	X'00F3'	X'C3B3'
X'E7'	X'00D3'	X'C393'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DE'	X'00DF'	X'C39F'
X'EC'	X'0161'	X'C5A1'
X'EB'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'CB'	X'00F9'	X'C3B9'
X'AD'	X'00D9'	X'C399'
X'C3'	X'00FB'	X'C3BB'
X'AE'	X'00DB'	X'C39B'
X'CF'	X'00FC'	X'C3BC'
X'DB'	X'00DC'	X'C39C'
X'C7'	X'00FA'	X'C3BA'
X'ED'	X'00DA'	X'C39A'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'EF'	X'00FF'	X'C3BF'
X'EE'	X'0178'	X'C5B8'
X'B2'	X'00FD'	X'C3BD'
X'B1'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

*Table 133. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1051	UCS-2BE	UTF-8
X'F1'	X'00FE'	X'C3BE'
X'F0'	X'00DE'	X'C39E'
X'D7'	X'00E6'	X'C3A6'
X'D3'	X'00C6'	X'C386'
X'CE'	X'00F6'	X'C3B6'
X'DA'	X'00D6'	X'C396'
X'D6'	X'00F8'	X'C3B8'
X'D2'	X'00D8'	X'C398'

---

## Code page 1051, Norway (SYSTEM\_1051\_NO)

This is the collation table for code page 1051 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_1051\_NO collation.

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO*

Code page 1051	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'B0'	X'203E'	X'E280BE'
X'BE'	X'0192'	X'C692'
X'F3'	X'03BC'	X'CEBC'
X'FC'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'F6'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'B8'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'B9'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'A8'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'A9'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'AA'	X'02C6'	X'CB86'
X'AB'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'AC'	X'02DC'	X'CB9C'
X'F2'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'FB'	X'00AB'	X'C2AB'
X'FD'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'7D'	X'007D'	X'7D'
X'BD'	X'00A7'	X'C2A7'
X'F4'	X'00B6'	X'C2B6'
X'40'	X'0040'	X'40'
X'BA'	X'00A4'	X'C2A4'
X'BF'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'BB'	X'00A3'	X'C2A3'
X'AF'	X'00A3'	X'C2A3'
X'BC'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'FE'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'B3'	X'02DA'	X'CB9A'
X'A0'	X'001A'	X'1A'
X'30'	X'0030'	X'30'
X'F7'	X'00BC'	X'C2BC'
X'F8'	X'00BD'	X'C2BD'
X'F5'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'F9'	X'00AA'	X'C2AA'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'C4'	X'00E1'	X'C3A1'
X'E0'	X'00C1'	X'C381'
X'C8'	X'00E0'	X'C3A0'
X'A1'	X'00C0'	X'C380'
X'C0'	X'00E2'	X'C3A2'
X'A2'	X'00C2'	X'C382'
X'CC'	X'00E4'	X'C3A4'
X'D8'	X'00C4'	X'C384'
X'E2'	X'00E3'	X'C3A3'
X'E1'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'B5'	X'00E7'	X'C3A7'
X'B4'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'E4'	X'00F0'	X'C3B0'
X'E3'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'C5'	X'00E9'	X'C3A9'
X'DC'	X'00C9'	X'C389'
X'C9'	X'00E8'	X'C3A8'
X'A3'	X'00C8'	X'C388'
X'C1'	X'00EA'	X'C3AA'
X'A4'	X'00CA'	X'C38A'
X'CD'	X'00EB'	X'C3AB'
X'A5'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'D5'	X'00ED'	X'C3AD'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'E5'	X'00CD'	X'C38D'
X'D9'	X'00EC'	X'C3AC'
X'E6'	X'00CC'	X'C38C'
X'D1'	X'00EE'	X'C3AE'
X'A6'	X'00CE'	X'C38E'
X'DD'	X'00EF'	X'C3AF'
X'A7'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'B7'	X'00F1'	X'C3B1'
X'B6'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'FA'	X'00BA'	X'C2BA'
X'C6'	X'00F3'	X'C3B3'
X'E7'	X'00D3'	X'C393'
X'CA'	X'00F2'	X'C3B2'
X'E8'	X'00D2'	X'C392'
X'C2'	X'00F4'	X'C3B4'
X'DF'	X'00D4'	X'C394'
X'CE'	X'00F6'	X'C3B6'
X'DA'	X'00D6'	X'C396'
X'EA'	X'00F5'	X'C3B5'
X'E9'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'

*Table 134. Characters in code page 1051 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1051	UCS-2BE	UTF-8
X'53'	X'0053'	X'53'
X'DE'	X'00DF'	X'C39F'
X'EC'	X'0161'	X'C5A1'
X'EB'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'F1'	X'00FE'	X'C3BE'
X'F0'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'C7'	X'00FA'	X'C3BA'
X'ED'	X'00DA'	X'C39A'
X'CB'	X'00F9'	X'C3B9'
X'AD'	X'00D9'	X'C399'
X'C3'	X'00FB'	X'C3BB'
X'AE'	X'00DB'	X'C39B'
X'CF'	X'00FC'	X'C3BC'
X'DB'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'B2'	X'00FD'	X'C3BD'
X'B1'	X'00DD'	X'C39D'
X'EF'	X'00FF'	X'C3BF'
X'EE'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'D7'	X'00E6'	X'C3A6'
X'D3'	X'00C6'	X'C386'
X'D6'	X'00F8'	X'C3B8'
X'D2'	X'00D8'	X'C398'
X'D4'	X'00E5'	X'C3A5'
X'D0'	X'00C5'	X'C385'

## Code page 1089, Generic (SYSTEM\_1089)

This is the collation table for code page 1089 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1089 collation.

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents*

Code page 1089	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A1'	X'001A'	X'1A'
X'A2'	X'001A'	X'1A'
X'A3'	X'001A'	X'1A'
X'A5'	X'001A'	X'1A'
X'A6'	X'001A'	X'1A'
X'A7'	X'001A'	X'1A'
X'A8'	X'001A'	X'1A'
X'A9'	X'001A'	X'1A'
X'AA'	X'001A'	X'1A'
X'AB'	X'001A'	X'1A'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'AE'	X'001A'	X'1A'
X'AF'	X'001A'	X'1A'
X'B0'	X'001A'	X'1A'
X'B1'	X'001A'	X'1A'
X'B2'	X'001A'	X'1A'
X'B3'	X'001A'	X'1A'
X'B4'	X'001A'	X'1A'
X'B5'	X'001A'	X'1A'
X'B6'	X'001A'	X'1A'
X'B7'	X'001A'	X'1A'
X'B8'	X'001A'	X'1A'
X'B9'	X'001A'	X'1A'
X'BA'	X'001A'	X'1A'
X'BC'	X'001A'	X'1A'
X'BD'	X'001A'	X'1A'
X'BE'	X'001A'	X'1A'
X'C0'	X'001A'	X'1A'
X'DB'	X'001A'	X'1A'
X'DC'	X'001A'	X'1A'
X'DD'	X'001A'	X'1A'
X'DE'	X'001A'	X'1A'
X'DF'	X'001A'	X'1A'
X'F3'	X'001A'	X'1A'
X'F4'	X'001A'	X'1A'
X'F5'	X'001A'	X'1A'
X'F6'	X'001A'	X'1A'
X'F7'	X'001A'	X'1A'
X'F8'	X'001A'	X'1A'
X'F9'	X'001A'	X'1A'
X'FA'	X'001A'	X'1A'
X'FB'	X'001A'	X'1A'
X'FC'	X'001A'	X'1A'
X'FD'	X'001A'	X'1A'
X'FE'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'2C'	X'002C'	X'2C'
X'AC'	X'060C'	X'D88C'
X'3B'	X'003B'	X'3B'
X'BB'	X'061B'	X'D89B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'BF'	X'061F'	X'D89F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0621'	X'D8A1'
X'C2'	X'0622'	X'D8A2'
X'C3'	X'0623'	X'D8A3'
X'C4'	X'0624'	X'D8A4'
X'C5'	X'0625'	X'D8A5'
X'C6'	X'0626'	X'D8A6'
X'C7'	X'0627'	X'D8A7'
X'C8'	X'0628'	X'D8A8'
X'C9'	X'0629'	X'D8A9'
X'CA'	X'062A'	X'D8AA'
X'CB'	X'062B'	X'D8AB'
X'CC'	X'062C'	X'D8AC'
X'CD'	X'062D'	X'D8AD'
X'CE'	X'062E'	X'D8AE'
X'CF'	X'062F'	X'D8AF'
X'D0'	X'0630'	X'D8B0'
X'D1'	X'0631'	X'D8B1'
X'D2'	X'0632'	X'D8B2'
X'D3'	X'0633'	X'D8B3'
X'D4'	X'0634'	X'D8B4'

*Table 135. Characters in code page 1089 in ascending sort order and their Unicode equivalents (continued)*

Code page 1089	UCS-2BE	UTF-8
X'D5'	X'0635'	X'D8B5'
X'D6'	X'0636'	X'D8B6'
X'D7'	X'0637'	X'D8B7'
X'D8'	X'0638'	X'D8B8'
X'D9'	X'0639'	X'D8B9'
X'DA'	X'063A'	X'D8BA'
X'E1'	X'0641'	X'D981'
X'E2'	X'0642'	X'D982'
X'E3'	X'0643'	X'D983'
X'E4'	X'0644'	X'D984'
X'E5'	X'0645'	X'D985'
X'E6'	X'0646'	X'D986'
X'E7'	X'0647'	X'D987'
X'E8'	X'0648'	X'D988'
X'E9'	X'0649'	X'D989'
X'EA'	X'064A'	X'D98A'
X'EB'	X'064B'	X'D98B'
X'EC'	X'064C'	X'D98C'
X'ED'	X'064D'	X'D98D'
X'EE'	X'064E'	X'D98E'
X'EF'	X'064F'	X'D98F'
X'F0'	X'0650'	X'D990'
X'F2'	X'0652'	X'D992'
X'F1'	X'0651'	X'D991'
X'E0'	X'0640'	X'D980'

---

## Code page 1124, Generic (SYSTEM\_1124)

This is the collation table for code page 1124 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1124 collation.

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents*

Code page 1124	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'FD'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'F0'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'5A'	X'005A'	X'5A'
X'D0'	X'0430'	X'D0B0'
X'B0'	X'0410'	X'D090'
X'D1'	X'0431'	X'D0B1'
X'B1'	X'0411'	X'D091'
X'D2'	X'0432'	X'D0B2'
X'B2'	X'0412'	X'D092'
X'D3'	X'0433'	X'D0B3'
X'B3'	X'0413'	X'D093'
X'F3'	X'0491'	X'D291'
X'A3'	X'0490'	X'D290'
X'D4'	X'0434'	X'D0B4'
X'B4'	X'0414'	X'D094'
X'F2'	X'0452'	X'D192'
X'A2'	X'0402'	X'D082'
X'D5'	X'0435'	X'D0B5'
X'B5'	X'0415'	X'D095'
X'F4'	X'0454'	X'D194'
X'A4'	X'0404'	X'D084'
X'F1'	X'0451'	X'D191'
X'A1'	X'0401'	X'D081'
X'D6'	X'0436'	X'D0B6'
X'B6'	X'0416'	X'D096'
X'D7'	X'0437'	X'D0B7'
X'B7'	X'0417'	X'D097'
X'F5'	X'0455'	X'D195'
X'A5'	X'0405'	X'D085'
X'D8'	X'0438'	X'D0B8'
X'B8'	X'0418'	X'D098'
X'F6'	X'0456'	X'D196'
X'A6'	X'0406'	X'D086'
X'F7'	X'0457'	X'D197'
X'A7'	X'0407'	X'D087'
X'D9'	X'0439'	X'D0B9'
X'B9'	X'0419'	X'D099'
X'F8'	X'0458'	X'D198'
X'A8'	X'0408'	X'D088'
X'DA'	X'043A'	X'D0BA'
X'BA'	X'041A'	X'D09A'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'DB'	X'043B'	X'D0BB'
X'BB'	X'041B'	X'D09B'
X'F9'	X'0459'	X'D199'
X'A9'	X'0409'	X'D089'
X'DC'	X'043C'	X'D0BC'
X'BC'	X'041C'	X'D09C'
X'DD'	X'043D'	X'D0BD'
X'BD'	X'041D'	X'D09D'
X'FA'	X'045A'	X'D19A'
X'AA'	X'040A'	X'D08A'
X'DE'	X'043E'	X'D0BE'
X'BE'	X'041E'	X'D09E'
X'DF'	X'043F'	X'D0BF'
X'BF'	X'041F'	X'D09F'
X'E0'	X'0440'	X'D180'
X'C0'	X'0420'	X'D0A0'
X'E1'	X'0441'	X'D181'
X'C1'	X'0421'	X'D0A1'
X'E2'	X'0442'	X'D182'
X'C2'	X'0422'	X'D0A2'
X'FC'	X'045C'	X'D19C'
X'AC'	X'040C'	X'D08C'
X'FB'	X'045B'	X'D19B'
X'AB'	X'040B'	X'D08B'
X'E3'	X'0443'	X'D183'
X'C3'	X'0423'	X'D0A3'
X'FE'	X'045E'	X'D19E'
X'AE'	X'040E'	X'D08E'
X'E4'	X'0444'	X'D184'
X'C4'	X'0424'	X'D0A4'
X'E5'	X'0445'	X'D185'
X'C5'	X'0425'	X'D0A5'
X'E6'	X'0446'	X'D186'
X'C6'	X'0426'	X'D0A6'
X'E7'	X'0447'	X'D187'
X'C7'	X'0427'	X'D0A7'
X'FF'	X'045F'	X'D19F'
X'AF'	X'040F'	X'D08F'
X'E8'	X'0448'	X'D188'

*Table 136. Characters in code page 1124 in ascending sort order and their Unicode equivalents (continued)*

Code page 1124	UCS-2BE	UTF-8
X'C8'	X'0428'	X'D0A8'
X'E9'	X'0449'	X'D189'
X'C9'	X'0429'	X'D0A9'
X'EA'	X'044A'	X'D18A'
X'CA'	X'042A'	X'D0AA'
X'EB'	X'044B'	X'D18B'
X'CB'	X'042B'	X'D0AB'
X'EC'	X'044C'	X'D18C'
X'CC'	X'042C'	X'D0AC'
X'ED'	X'044D'	X'D18D'
X'CD'	X'042D'	X'D0AD'
X'EE'	X'044E'	X'D18E'
X'CE'	X'042E'	X'D0AE'
X'EF'	X'044F'	X'D18F'
X'CF'	X'042F'	X'D0AF'

---

## Code page 1125, Generic (SYSTEM\_1125)

This is the collation table for code page 1125 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1125 collation.

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents*

Code page 1125	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'FA'	X'00F7'	X'C3B7'
X'FB'	X'00B1'	X'C2B1'
X'FD'	X'20AC'	X'E282AC'
X'FE'	X'25A0'	X'E296A0'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'FC'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A0'	X'0430'	X'D0B0'
X'80'	X'0410'	X'D090'
X'A1'	X'0431'	X'D0B1'
X'81'	X'0411'	X'D091'
X'A2'	X'0432'	X'D0B2'
X'82'	X'0412'	X'D092'
X'A3'	X'0433'	X'D0B3'
X'83'	X'0413'	X'D093'
X'F3'	X'0491'	X'D291'
X'F2'	X'0490'	X'D290'
X'A4'	X'0434'	X'D0B4'
X'84'	X'0414'	X'D094'
X'A5'	X'0435'	X'D0B5'
X'85'	X'0415'	X'D095'
X'F5'	X'0454'	X'D194'
X'F4'	X'0404'	X'D084'
X'F1'	X'0451'	X'D191'
X'F0'	X'0401'	X'D081'
X'A6'	X'0436'	X'D0B6'
X'86'	X'0416'	X'D096'
X'A7'	X'0437'	X'D0B7'
X'87'	X'0417'	X'D097'
X'A8'	X'0438'	X'D0B8'
X'88'	X'0418'	X'D098'
X'F7'	X'0456'	X'D196'
X'F6'	X'0406'	X'D086'
X'F9'	X'0457'	X'D197'
X'F8'	X'0407'	X'D087'
X'A9'	X'0439'	X'D0B9'
X'89'	X'0419'	X'D099'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'AA'	X'043A'	X'D0BA'
X'8A'	X'041A'	X'D09A'
X'AB'	X'043B'	X'D0BB'
X'8B'	X'041B'	X'D09B'
X'AC'	X'043C'	X'D0BC'
X'8C'	X'041C'	X'D09C'
X'AD'	X'043D'	X'D0BD'
X'8D'	X'041D'	X'D09D'
X'AE'	X'043E'	X'D0BE'
X'8E'	X'041E'	X'D09E'
X'AF'	X'043F'	X'D0BF'
X'8F'	X'041F'	X'D09F'
X'E0'	X'0440'	X'D180'
X'90'	X'0420'	X'D0A0'
X'E1'	X'0441'	X'D181'
X'91'	X'0421'	X'D0A1'
X'E2'	X'0442'	X'D182'
X'92'	X'0422'	X'D0A2'
X'E3'	X'0443'	X'D183'
X'93'	X'0423'	X'D0A3'
X'E4'	X'0444'	X'D184'
X'94'	X'0424'	X'D0A4'
X'E5'	X'0445'	X'D185'
X'95'	X'0425'	X'D0A5'
X'E6'	X'0446'	X'D186'
X'96'	X'0426'	X'D0A6'
X'E7'	X'0447'	X'D187'
X'97'	X'0427'	X'D0A7'
X'E8'	X'0448'	X'D188'
X'98'	X'0428'	X'D0A8'
X'E9'	X'0449'	X'D189'
X'99'	X'0429'	X'D0A9'
X'EA'	X'044A'	X'D18A'
X'9A'	X'042A'	X'D0AA'
X'EB'	X'044B'	X'D18B'
X'9B'	X'042B'	X'D0AB'
X'EC'	X'044C'	X'D18C'
X'9C'	X'042C'	X'D0AC'
X'ED'	X'044D'	X'D18D'

*Table 137. Characters in code page 1125 in ascending sort order and their Unicode equivalents (continued)*

Code page 1125	UCS-2BE	UTF-8
X'9D'	X'042D'	X'D0AD'
X'EE'	X'044E'	X'D18E'
X'9E'	X'042E'	X'D0AE'
X'EF'	X'044F'	X'D18F'
X'9F'	X'042F'	X'D0AF'

---

## Code page 1129, Generic (SYSTEM\_1129)

This is the collation table for code page 1129 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1129 collation.

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents*

Code page 1129	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'AA'	X'00AA'	X'C2AA'
X'BA'	X'00BA'	X'C2BA'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EC'	X'0301'	X'CC81'
X'60'	X'0060'	X'60'
X'CC'	X'0300'	X'CC80'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'DE'	X'0303'	X'CC83'
X'B7'	X'00B7'	X'C2B7'
X'F2'	X'0323'	X'CCA3'
X'D2'	X'0309'	X'CC89'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'FE'	X'20AB'	X'E282AB'
X'A4'	X'20AC'	X'E282AC'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E3'	X'0103'	X'C483'
X'C3'	X'0102'	X'C482'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'0111'	X'C491'
X'D0'	X'0110'	X'C490'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F5'	X'01A1'	X'C6A1'
X'D5'	X'01A0'	X'C6A0'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'A8'	X'0153'	X'C593'
X'B8'	X'0152'	X'C592'
X'70'	X'0070'	X'70'

*Table 138. Characters in code page 1129 in ascending sort order and their Unicode equivalents (continued)*

Code page 1129	UCS-2BE	UTF-8
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FD'	X'01B0'	X'C6B0'
X'DD'	X'01AF'	X'C6AF'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'B4'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1131, Generic (SYSTEM\_1131)

This is the collation table for code page 1131 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1131 collation.

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents*

<b>Code page 1131</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'B0'	X'2591'	X'E29691'
X'B1'	X'2592'	X'E29692'
X'B2'	X'2593'	X'E29693'
X'B3'	X'2502'	X'E29482'
X'B4'	X'2524'	X'E294A4'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'B5'	X'2561'	X'E295A1'
X'B6'	X'2562'	X'E295A2'
X'B7'	X'2556'	X'E29596'
X'B8'	X'2555'	X'E29595'
X'B9'	X'2563'	X'E295A3'
X'BA'	X'2551'	X'E29591'
X'BB'	X'2557'	X'E29597'
X'BC'	X'255D'	X'E2959D'
X'BD'	X'255C'	X'E2959C'
X'BE'	X'255B'	X'E2959B'
X'BF'	X'2510'	X'E29490'
X'C0'	X'2514'	X'E29494'
X'C1'	X'2534'	X'E294B4'
X'C2'	X'252C'	X'E294AC'
X'C3'	X'251C'	X'E2949C'
X'C4'	X'2500'	X'E29480'
X'C5'	X'253C'	X'E294BC'
X'C6'	X'255E'	X'E2959E'
X'C7'	X'255F'	X'E2959F'
X'C8'	X'255A'	X'E2959A'
X'C9'	X'2554'	X'E29594'
X'CA'	X'2569'	X'E295A9'
X'CB'	X'2566'	X'E295A6'
X'CC'	X'2560'	X'E295A0'
X'CD'	X'2550'	X'E29590'
X'CE'	X'256C'	X'E295AC'
X'CF'	X'2567'	X'E295A7'
X'D0'	X'2568'	X'E295A8'
X'D1'	X'2564'	X'E295A4'
X'D2'	X'2565'	X'E295A5'
X'D3'	X'2559'	X'E29599'
X'D4'	X'2558'	X'E29598'
X'D5'	X'2552'	X'E29592'
X'D6'	X'2553'	X'E29593'
X'D7'	X'256B'	X'E295AB'
X'D8'	X'256A'	X'E295AA'
X'D9'	X'2518'	X'E29498'
X'DA'	X'250C'	X'E2948C'
X'DB'	X'2588'	X'E29688'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'DC'	X'2584'	X'E29684'
X'DD'	X'258C'	X'E2968C'
X'DE'	X'2590'	X'E29690'
X'DF'	X'2580'	X'E29680'
X'FA'	X'00B7'	X'C2B7'
X'FB'	X'20AC'	X'E282AC'
X'FE'	X'2219'	X'E28899'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'FF'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'A0'	X'0430'	X'D0B0'
X'80'	X'0410'	X'D090'
X'A1'	X'0431'	X'D0B1'
X'81'	X'0411'	X'D091'
X'A2'	X'0432'	X'D0B2'
X'82'	X'0412'	X'D092'
X'A3'	X'0433'	X'D0B3'
X'83'	X'0413'	X'D093'
X'FD'	X'0491'	X'D291'
X'FC'	X'0490'	X'D290'
X'A4'	X'0434'	X'D0B4'
X'84'	X'0414'	X'D094'
X'A5'	X'0435'	X'D0B5'
X'85'	X'0415'	X'D095'
X'F3'	X'0454'	X'D194'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'F2'	X'0404'	X'D084'
X'F1'	X'0451'	X'D191'
X'F0'	X'0401'	X'D081'
X'A6'	X'0436'	X'D0B6'
X'86'	X'0416'	X'D096'
X'A7'	X'0437'	X'D0B7'
X'87'	X'0417'	X'D097'
X'A8'	X'0438'	X'D0B8'
X'88'	X'0418'	X'D098'
X'F9'	X'0456'	X'D196'
X'F8'	X'0406'	X'D086'
X'F5'	X'0457'	X'D197'
X'F4'	X'0407'	X'D087'
X'A9'	X'0439'	X'D0B9'
X'89'	X'0419'	X'D099'
X'AA'	X'043A'	X'D0BA'
X'8A'	X'041A'	X'D09A'
X'AB'	X'043B'	X'D0BB'
X'8B'	X'041B'	X'D09B'
X'AC'	X'043C'	X'D0BC'
X'8C'	X'041C'	X'D09C'
X'AD'	X'043D'	X'D0BD'
X'8D'	X'041D'	X'D09D'
X'AE'	X'043E'	X'D0BE'
X'8E'	X'041E'	X'D09E'
X'AF'	X'043F'	X'D0BF'
X'8F'	X'041F'	X'D09F'
X'E0'	X'0440'	X'D180'
X'90'	X'0420'	X'D0A0'
X'E1'	X'0441'	X'D181'
X'91'	X'0421'	X'D0A1'
X'E2'	X'0442'	X'D182'
X'92'	X'0422'	X'D0A2'
X'E3'	X'0443'	X'D183'
X'93'	X'0423'	X'D0A3'
X'F7'	X'045E'	X'D19E'
X'F6'	X'040E'	X'D08E'
X'E4'	X'0444'	X'D184'
X'94'	X'0424'	X'D0A4'

*Table 139. Characters in code page 1131 in ascending sort order and their Unicode equivalents (continued)*

Code page 1131	UCS-2BE	UTF-8
X'E5'	X'0445'	X'D185'
X'95'	X'0425'	X'D0A5'
X'E6'	X'0446'	X'D186'
X'96'	X'0426'	X'D0A6'
X'E7'	X'0447'	X'D187'
X'97'	X'0427'	X'D0A7'
X'E8'	X'0448'	X'D188'
X'98'	X'0428'	X'D0A8'
X'E9'	X'0449'	X'D189'
X'99'	X'0429'	X'D0A9'
X'EA'	X'044A'	X'D18A'
X'9A'	X'042A'	X'D0AA'
X'EB'	X'044B'	X'D18B'
X'9B'	X'042B'	X'D0AB'
X'EC'	X'044C'	X'D18C'
X'9C'	X'042C'	X'D0AC'
X'ED'	X'044D'	X'D18D'
X'9D'	X'042D'	X'D0AD'
X'EE'	X'044E'	X'D18E'
X'9E'	X'042E'	X'D0AE'
X'EF'	X'044F'	X'D18F'
X'9F'	X'042F'	X'D0AF'

---

## Code page 1163, Generic (SYSTEM\_1163)

This is the collation table for code page 1163 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1163 collation.

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents*

Code page 1163	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'20'	X'0020'	X'20'
X'AA'	X'00AA'	X'C2AA'
X'BA'	X'00BA'	X'C2BA'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'EC'	X'0301'	X'CC81'
X'60'	X'0060'	X'60'
X'CC'	X'0300'	X'CC80'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'DE'	X'0303'	X'CC83'
X'B7'	X'00B7'	X'C2B7'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'F2'	X'0323'	X'CCA3'
X'D2'	X'0309'	X'CC89'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'FE'	X'20AB'	X'E282AB'
X'A4'	X'20AC'	X'E282AC'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E3'	X'0103'	X'C483'
X'C3'	X'0102'	X'C482'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'0111'	X'C491'
X'D0'	X'0110'	X'C490'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F5'	X'01A1'	X'C6A1'
X'D5'	X'01A0'	X'C6A0'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'A8'	X'0153'	X'C593'
X'B8'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FD'	X'01B0'	X'C6B0'
X'DD'	X'01AF'	X'C6AF'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'

*Table 140. Characters in code page 1163 in ascending sort order and their Unicode equivalents (continued)*

Code page 1163	UCS-2BE	UTF-8
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'B4'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1167, Generic (SYSTEM\_1167)

This is the collation table for code page 1167 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1167 collation.

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents*

Code page 1167	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'2500'	X'E29480'
X'81'	X'2502'	X'E29482'
X'82'	X'250C'	X'E2948C'
X'83'	X'2510'	X'E29490'
X'84'	X'2514'	X'E29494'
X'85'	X'2518'	X'E29498'
X'86'	X'251C'	X'E2949C'
X'87'	X'2524'	X'E294A4'
X'88'	X'252C'	X'E294AC'
X'89'	X'2534'	X'E294B4'
X'8A'	X'253C'	X'E294BC'
X'A0'	X'2550'	X'E29590'
X'A1'	X'2551'	X'E29591'
X'A2'	X'2552'	X'E29592'
X'A5'	X'2554'	X'E29594'
X'A8'	X'2557'	X'E29597'
X'A9'	X'2558'	X'E29598'
X'AA'	X'2559'	X'E29599'
X'AB'	X'255A'	X'E2959A'
X'AC'	X'255B'	X'E2959B'
X'AF'	X'255E'	X'E2959E'
X'B0'	X'255F'	X'E2959F'
X'B1'	X'2560'	X'E295A0'
X'B2'	X'2561'	X'E295A1'
X'B5'	X'2563'	X'E295A3'
X'B8'	X'2566'	X'E295A6'
X'B9'	X'2567'	X'E295A7'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'BA'	X'2568'	X'E295A8'
X'BB'	X'2569'	X'E295A9'
X'BC'	X'256A'	X'E295AA'
X'8B'	X'2580'	X'E29680'
X'8C'	X'2584'	X'E29684'
X'8D'	X'2588'	X'E29688'
X'8E'	X'258C'	X'E2968C'
X'8F'	X'2590'	X'E29690'
X'90'	X'2591'	X'E29691'
X'91'	X'2592'	X'E29692'
X'92'	X'2593'	X'E29693'
X'94'	X'25A0'	X'E296A0'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'9E'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'93'	X'201C'	X'E2809C'
X'96'	X'201D'	X'E2809D'
X'9D'	X'00AB'	X'C2AB'
X'9B'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BF'	X'00A9'	X'C2A9'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'9C'	X'00AE'	X'C2AE'
X'99'	X'2122'	X'E284A2'
X'40'	X'0040'	X'40'
X'9F'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'98'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'95'	X'2219'	X'E28899'
X'97'	X'2014'	X'E28094'
X'9A'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0430'	X'D0B0'
X'E1'	X'0410'	X'D090'
X'C2'	X'0431'	X'D0B1'
X'E2'	X'0411'	X'D091'
X'D7'	X'0432'	X'D0B2'
X'F7'	X'0412'	X'D092'
X'C7'	X'0433'	X'D0B3'
X'E7'	X'0413'	X'D093'
X'AD'	X'0491'	X'D291'
X'BD'	X'0490'	X'D290'
X'C4'	X'0434'	X'D0B4'
X'E4'	X'0414'	X'D094'
X'C5'	X'0435'	X'D0B5'
X'E5'	X'0415'	X'D095'
X'A4'	X'0454'	X'D194'
X'B4'	X'0404'	X'D084'
X'A3'	X'0451'	X'D191'
X'B3'	X'0401'	X'D081'
X'D6'	X'0436'	X'D0B6'
X'F6'	X'0416'	X'D096'
X'DA'	X'0437'	X'D0B7'
X'FA'	X'0417'	X'D097'
X'C9'	X'0438'	X'D0B8'
X'E9'	X'0418'	X'D098'
X'A6'	X'0456'	X'D196'
X'B6'	X'0406'	X'D086'
X'A7'	X'0457'	X'D197'
X'B7'	X'0407'	X'D087'
X'CA'	X'0439'	X'D0B9'
X'EA'	X'0419'	X'D099'
X'CB'	X'043A'	X'D0BA'
X'EB'	X'041A'	X'D09A'
X'CC'	X'043B'	X'D0BB'
X'EC'	X'041B'	X'D09B'
X'CD'	X'043C'	X'D0BC'
X'ED'	X'041C'	X'D09C'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'CE'	X'043D'	X'D0BD'
X'EE'	X'041D'	X'D09D'
X'CF'	X'043E'	X'D0BE'
X'EF'	X'041E'	X'D09E'
X'D0'	X'043F'	X'D0BF'
X'F0'	X'041F'	X'D09F'
X'D2'	X'0440'	X'D180'
X'F2'	X'0420'	X'D0A0'
X'D3'	X'0441'	X'D181'
X'F3'	X'0421'	X'D0A1'
X'D4'	X'0442'	X'D182'
X'F4'	X'0422'	X'D0A2'
X'D5'	X'0443'	X'D183'
X'F5'	X'0423'	X'D0A3'
X'AE'	X'045E'	X'D19E'
X'BE'	X'040E'	X'D08E'
X'C6'	X'0444'	X'D184'
X'E6'	X'0424'	X'D0A4'
X'C8'	X'0445'	X'D185'
X'E8'	X'0425'	X'D0A5'
X'C3'	X'0446'	X'D186'
X'E3'	X'0426'	X'D0A6'
X'DE'	X'0447'	X'D187'
X'FE'	X'0427'	X'D0A7'
X'DB'	X'0448'	X'D188'
X'FB'	X'0428'	X'D0A8'
X'DD'	X'0449'	X'D189'
X'FD'	X'0429'	X'D0A9'
X'DF'	X'044A'	X'D18A'
X'FF'	X'042A'	X'D0AA'
X'D9'	X'044B'	X'D18B'
X'F9'	X'042B'	X'D0AB'
X'D8'	X'044C'	X'D18C'
X'F8'	X'042C'	X'D0AC'
X'DC'	X'044D'	X'D18D'
X'FC'	X'042D'	X'D0AD'
X'C0'	X'044E'	X'D18E'
X'E0'	X'042E'	X'D0AE'
X'D1'	X'044F'	X'D18F'

*Table 141. Characters in code page 1167 in ascending sort order and their Unicode equivalents (continued)*

Code page 1167	UCS-2BE	UTF-8
X'F1'	X'042F'	X'D0AF'
X'7F'	X'007F'	X'7F'

## Code page 1168, Generic (SYSTEM\_1168)

This is the collation table for code page 1168 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1168 collation.

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents*

Code page 1168	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'80'	X'2500'	X'E29480'
X'81'	X'2502'	X'E29482'
X'82'	X'250C'	X'E2948C'
X'83'	X'2510'	X'E29490'
X'84'	X'2514'	X'E29494'
X'85'	X'2518'	X'E29498'
X'86'	X'251C'	X'E2949C'
X'87'	X'2524'	X'E294A4'
X'88'	X'252C'	X'E294AC'
X'89'	X'2534'	X'E294B4'
X'8A'	X'253C'	X'E294BC'
X'A0'	X'2550'	X'E29590'
X'A1'	X'2551'	X'E29591'
X'A2'	X'2552'	X'E29592'
X'A5'	X'2554'	X'E29594'
X'A8'	X'2557'	X'E29597'
X'A9'	X'2558'	X'E29598'
X'AA'	X'2559'	X'E29599'
X'AB'	X'255A'	X'E2959A'
X'AC'	X'255B'	X'E2959B'
X'AE'	X'255D'	X'E2959D'
X'AF'	X'255E'	X'E2959E'
X'B0'	X'255F'	X'E2959F'
X'B1'	X'2560'	X'E295A0'
X'B2'	X'2561'	X'E295A1'
X'B5'	X'2563'	X'E295A3'
X'B8'	X'2566'	X'E295A6'
X'B9'	X'2567'	X'E295A7'
X'BA'	X'2568'	X'E295A8'
X'BB'	X'2569'	X'E295A9'
X'BC'	X'256A'	X'E295AA'
X'BE'	X'256C'	X'E295AC'
X'8B'	X'2580'	X'E29680'
X'8C'	X'2584'	X'E29684'
X'8D'	X'2588'	X'E29688'
X'8E'	X'258C'	X'E2968C'
X'8F'	X'2590'	X'E29690'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'90'	X'2591'	X'E29691'
X'91'	X'2592'	X'E29692'
X'92'	X'2593'	X'E29693'
X'94'	X'25A0'	X'E296A0'
X'20'	X'0020'	X'20'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'9E'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'BF'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'9F'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'7C'	X'007C'	X'7C'
X'9C'	X'00B0'	X'C2B0'
X'98'	X'2264'	X'E289A4'
X'99'	X'2265'	X'E289A5'
X'97'	X'2248'	X'E28988'
X'95'	X'2219'	X'E28899'
X'96'	X'221A'	X'E2889A'
X'93'	X'2320'	X'E28CA0'
X'9B'	X'2321'	X'E28CA1'
X'9A'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'9D'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0430'	X'D0B0'
X'E1'	X'0410'	X'D090'
X'C2'	X'0431'	X'D0B1'
X'E2'	X'0411'	X'D091'
X'D7'	X'0432'	X'D0B2'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'F7'	X'0412'	X'D092'
X'C7'	X'0433'	X'D0B3'
X'E7'	X'0413'	X'D093'
X'AD'	X'0491'	X'D291'
X'BD'	X'0490'	X'D290'
X'C4'	X'0434'	X'D0B4'
X'E4'	X'0414'	X'D094'
X'C5'	X'0435'	X'D0B5'
X'E5'	X'0415'	X'D095'
X'A4'	X'0454'	X'D194'
X'B4'	X'0404'	X'D084'
X'A3'	X'0451'	X'D191'
X'B3'	X'0401'	X'D081'
X'D6'	X'0436'	X'D0B6'
X'F6'	X'0416'	X'D096'
X'DA'	X'0437'	X'D0B7'
X'FA'	X'0417'	X'D097'
X'C9'	X'0438'	X'D0B8'
X'E9'	X'0418'	X'D098'
X'A6'	X'0456'	X'D196'
X'B6'	X'0406'	X'D086'
X'A7'	X'0457'	X'D197'
X'B7'	X'0407'	X'D087'
X'CA'	X'0439'	X'D0B9'
X'EA'	X'0419'	X'D099'
X'CB'	X'043A'	X'D0BA'
X'EB'	X'041A'	X'D09A'
X'CC'	X'043B'	X'D0BB'
X'EC'	X'041B'	X'D09B'
X'CD'	X'043C'	X'D0BC'
X'ED'	X'041C'	X'D09C'
X'CE'	X'043D'	X'D0BD'
X'EE'	X'041D'	X'D09D'
X'CF'	X'043E'	X'D0BE'
X'EF'	X'041E'	X'D09E'
X'D0'	X'043F'	X'D0BF'
X'F0'	X'041F'	X'D09F'
X'D2'	X'0440'	X'D180'
X'F2'	X'0420'	X'D0A0'

*Table 142. Characters in code page 1168 in ascending sort order and their Unicode equivalents (continued)*

Code page 1168	UCS-2BE	UTF-8
X'D3'	X'0441'	X'D181'
X'F3'	X'0421'	X'D0A1'
X'D4'	X'0442'	X'D182'
X'F4'	X'0422'	X'D0A2'
X'D5'	X'0443'	X'D183'
X'F5'	X'0423'	X'D0A3'
X'C6'	X'0444'	X'D184'
X'E6'	X'0424'	X'D0A4'
X'C8'	X'0445'	X'D185'
X'E8'	X'0425'	X'D0A5'
X'C3'	X'0446'	X'D186'
X'E3'	X'0426'	X'D0A6'
X'DE'	X'0447'	X'D187'
X'FE'	X'0427'	X'D0A7'
X'DB'	X'0448'	X'D188'
X'FB'	X'0428'	X'D0A8'
X'DD'	X'0449'	X'D189'
X'FD'	X'0429'	X'D0A9'
X'DF'	X'044A'	X'D18A'
X'FF'	X'042A'	X'D0AA'
X'D9'	X'044B'	X'D18B'
X'F9'	X'042B'	X'D0AB'
X'D8'	X'044C'	X'D18C'
X'F8'	X'042C'	X'D0AC'
X'DC'	X'044D'	X'D18D'
X'FC'	X'042D'	X'D0AD'
X'C0'	X'044E'	X'D18E'
X'E0'	X'042E'	X'D0AE'
X'D1'	X'044F'	X'D18F'
X'F1'	X'042F'	X'D0AF'
X'7F'	X'007F'	X'7F'

---

## Code page 1250, Generic (SYSTEM\_1250)

This is the collation table for code page 1250 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1250 collation.

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents*

Code page 1250	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'83'	X'0083'	X'C283'
X'88'	X'0088'	X'C288'
X'90'	X'0090'	X'C290'
X'98'	X'0098'	X'C298'
X'20'	X'0020'	X'20'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'A6'	X'00A6'	X'C2A6'
X'A9'	X'00A9'	X'C2A9'
X'AB'	X'00AB'	X'C2AB'
X'AC'	X'00AC'	X'C2AC'
X'AE'	X'00AE'	X'C2AE'
X'B0'	X'00B0'	X'C2B0'
X'B1'	X'00B1'	X'C2B1'
X'B5'	X'00B5'	X'C2B5'
X'B6'	X'00B6'	X'C2B6'
X'B7'	X'00B7'	X'C2B7'
X'BB'	X'00BB'	X'C2BB'
X'D0'	X'0110'	X'C490'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'60'	X'0060'	X'60'
X'A2'	X'02D8'	X'CB98'
X'5E'	X'005E'	X'5E'
X'A1'	X'02C7'	X'CB87'
X'A8'	X'00A8'	X'C2A8'
X'BD'	X'02DD'	X'CB9D'
X'7E'	X'007E'	X'7E'
X'FF'	X'02D9'	X'CB99'
X'B8'	X'00B8'	X'C2B8'
X'B2'	X'02DB'	X'CB9B'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E3'	X'0103'	X'C483'
X'C3'	X'0102'	X'C482'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'B9'	X'0105'	X'C485'
X'A5'	X'0104'	X'C484'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E6'	X'0107'	X'C487'
X'C6'	X'0106'	X'C486'
X'E8'	X'010D'	X'C48D'
X'C8'	X'010C'	X'C48C'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'EF'	X'010F'	X'C48F'
X'CF'	X'010E'	X'C48E'
X'F0'	X'0111'	X'C491'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'EC'	X'011B'	X'C49B'
X'CC'	X'011A'	X'C49A'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'EA'	X'0119'	X'C499'
X'CA'	X'0118'	X'C498'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'E5'	X'013A'	X'C4BA'
X'C5'	X'0139'	X'C4B9'
X'BE'	X'013E'	X'C4BE'
X'BC'	X'013D'	X'C4BD'
X'B3'	X'0142'	X'C582'
X'A3'	X'0141'	X'C581'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'0144'	X'C584'
X'D1'	X'0143'	X'C583'
X'F2'	X'0148'	X'C588'
X'D2'	X'0147'	X'C587'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F3'	X'00F3'	X'C3B3'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'D3'	X'00D3'	X'C393'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'0151'	X'C591'
X'D5'	X'0150'	X'C590'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'E0'	X'0155'	X'C595'
X'C0'	X'0154'	X'C594'
X'F8'	X'0159'	X'C599'
X'D8'	X'0158'	X'C598'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'9C'	X'015B'	X'C59B'
X'8C'	X'015A'	X'C59A'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'BA'	X'015F'	X'C59F'
X'AA'	X'015E'	X'C59E'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'9D'	X'0165'	X'C5A5'
X'8D'	X'0164'	X'C5A4'
X'FE'	X'0163'	X'C5A3'
X'DE'	X'0162'	X'C5A2'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'016F'	X'C5AF'
X'D9'	X'016E'	X'C5AE'
X'FC'	X'00FC'	X'C3BC'

*Table 143. Characters in code page 1250 in ascending sort order and their Unicode equivalents (continued)*

Code page 1250	UCS-2BE	UTF-8
X'DC'	X'00DC'	X'C39C'
X'FB'	X'0171'	X'C5B1'
X'DB'	X'0170'	X'C5B0'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'9F'	X'017A'	X'C5BA'
X'8F'	X'0179'	X'C5B9'
X'9E'	X'017E'	X'C5BE'
X'8E'	X'017D'	X'C5BD'
X'BF'	X'017C'	X'C5BC'
X'AF'	X'017B'	X'C5BB'

---

## Code page 1251, Generic (SYSTEM\_1251)

This is the collation table for code page 1251 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1251 collation.

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents*

Code page 1251	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'88'	X'20AC'	X'E282AC'
X'98'	X'0098'	X'C298'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'A4'	X'00A4'	X'C2A4'
X'A5'	X'0490'	X'D290'
X'A6'	X'00A6'	X'C2A6'
X'A9'	X'00A9'	X'C2A9'
X'AB'	X'00AB'	X'C2AB'
X'AC'	X'00AC'	X'C2AC'
X'AE'	X'00AE'	X'C2AE'
X'B0'	X'00B0'	X'C2B0'
X'B1'	X'00B1'	X'C2B1'
X'B4'	X'0491'	X'D291'
X'B5'	X'00B5'	X'C2B5'
X'B6'	X'00B6'	X'C2B6'
X'B7'	X'00B7'	X'C2B7'
X'BB'	X'00BB'	X'C2BB'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'B9'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E0'	X'0430'	X'D0B0'
X'C0'	X'0410'	X'D090'
X'E1'	X'0431'	X'D0B1'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'C1'	X'0411'	X'D091'
X'E2'	X'0432'	X'D0B2'
X'C2'	X'0412'	X'D092'
X'E3'	X'0433'	X'D0B3'
X'C3'	X'0413'	X'D093'
X'E4'	X'0434'	X'D0B4'
X'C4'	X'0414'	X'D094'
X'83'	X'0453'	X'D193'
X'81'	X'0403'	X'D083'
X'90'	X'0452'	X'D192'
X'80'	X'0402'	X'D082'
X'E5'	X'0435'	X'D0B5'
X'C5'	X'0415'	X'D095'
X'BA'	X'0454'	X'D194'
X'AA'	X'0404'	X'D084'
X'B8'	X'0451'	X'D191'
X'A8'	X'0401'	X'D081'
X'E6'	X'0436'	X'D0B6'
X'C6'	X'0416'	X'D096'
X'E7'	X'0437'	X'D0B7'
X'C7'	X'0417'	X'D097'
X'BE'	X'0455'	X'D195'
X'BD'	X'0405'	X'D085'
X'E8'	X'0438'	X'D0B8'
X'C8'	X'0418'	X'D098'
X'B3'	X'0456'	X'D196'
X'B2'	X'0406'	X'D086'
X'BF'	X'0457'	X'D197'
X'AF'	X'0407'	X'D087'
X'E9'	X'0439'	X'D0B9'
X'C9'	X'0419'	X'D099'
X'BC'	X'0458'	X'D198'
X'A3'	X'0408'	X'D088'
X'EA'	X'043A'	X'D0BA'
X'CA'	X'041A'	X'D09A'
X'EB'	X'043B'	X'D0BB'
X'CB'	X'041B'	X'D09B'
X'9A'	X'0459'	X'D199'
X'8A'	X'0409'	X'D089'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'EC'	X'043C'	X'D0BC'
X'CC'	X'041C'	X'D09C'
X'ED'	X'043D'	X'D0BD'
X'CD'	X'041D'	X'D09D'
X'9C'	X'045A'	X'D19A'
X'8C'	X'040A'	X'D08A'
X'EE'	X'043E'	X'D0BE'
X'CE'	X'041E'	X'D09E'
X'EF'	X'043F'	X'D0BF'
X'CF'	X'041F'	X'D09F'
X'F0'	X'0440'	X'D180'
X'D0'	X'0420'	X'D0A0'
X'F1'	X'0441'	X'D181'
X'D1'	X'0421'	X'D0A1'
X'F2'	X'0442'	X'D182'
X'D2'	X'0422'	X'D0A2'
X'9D'	X'045C'	X'D19C'
X'8D'	X'040C'	X'D08C'
X'9E'	X'045B'	X'D19B'
X'8E'	X'040B'	X'D08B'
X'F3'	X'0443'	X'D183'
X'D3'	X'0423'	X'D0A3'
X'A2'	X'045E'	X'D19E'
X'A1'	X'040E'	X'D08E'
X'F4'	X'0444'	X'D184'
X'D4'	X'0424'	X'D0A4'
X'F5'	X'0445'	X'D185'
X'D5'	X'0425'	X'D0A5'
X'F6'	X'0446'	X'D186'
X'D6'	X'0426'	X'D0A6'
X'F7'	X'0447'	X'D187'
X'D7'	X'0427'	X'D0A7'
X'9F'	X'045F'	X'D19F'
X'8F'	X'040F'	X'D08F'
X'F8'	X'0448'	X'D188'
X'D8'	X'0428'	X'D0A8'
X'F9'	X'0449'	X'D189'
X'D9'	X'0429'	X'D0A9'
X'FA'	X'044A'	X'D18A'

*Table 144. Characters in code page 1251 in ascending sort order and their Unicode equivalents (continued)*

Code page 1251	UCS-2BE	UTF-8
X'DA'	X'042A'	X'D0AA'
X'FB'	X'044B'	X'D18B'
X'DB'	X'042B'	X'D0AB'
X'FC'	X'044C'	X'D18C'
X'DC'	X'042C'	X'D0AC'
X'FD'	X'044D'	X'D18D'
X'DD'	X'042D'	X'D0AD'
X'FE'	X'044E'	X'D18E'
X'DE'	X'042E'	X'D0AE'
X'FF'	X'044F'	X'D18F'
X'DF'	X'042F'	X'D0AF'

---

## Code page 1252, Generic (SYSTEM\_1252)

This is the collation table for code page 1252 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1252\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents*

Code page 1252	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'017D'	X'C5BD'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9D'	X'009D'	X'C29D'
X'9E'	X'017E'	X'C5BE'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'98'	X'02DC'	X'CB9C'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'

*Table 145. Characters in code page 1252 in ascending sort order and their Unicode equivalents (continued)*

Code page 1252	UCS-2BE	UTF-8
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1252, Denmark (SYSTEM\_1252\_DK)

This is the collation table for code page 1252 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_1252\_DK collation.

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK*

Code page 1252	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'017D'	X'C5BD'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9D'	X'009D'	X'C29D'
X'9E'	X'017E'	X'C5BE'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'98'	X'02DC'	X'CB9C'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'

*Table 146. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1252	UCS-2BE	UTF-8
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

---

## Code page 1252, Finland and Sweden (SYSTEM\_1252\_FI and SYSTEM\_1252\_SE)

This is the collation table for code page 1252 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_1252\_FI or SYSTEM\_1252\_SE collation.

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE*

<b>Code page 1252</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'017D'	X'C5BD'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'9D'	X'009D'	X'C29D'
X'9E'	X'017E'	X'C5BE'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'98'	X'02DC'	X'CB9C'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'

*Table 147. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1252	UCS-2BE	UTF-8
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

---

## Code page 1252, Iceland (SYSTEM\_1252\_IS)

This is the collation table for code page 1252 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_1252\_IS collation.

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS*

Code page 1252	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'017D'	X'C5BD'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9D'	X'009D'	X'C29D'
X'9E'	X'017E'	X'C5BE'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'98'	X'02DC'	X'CB9C'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'

*Table 148. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1252	UCS-2BE	UTF-8
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'

---

## Code page 1252, Norway (SYSTEM\_1252\_NO)

This is the collation table for code page 1252 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_1252\_NO collation.

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO*

Code page 1252	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'017D'	X'C5BD'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9D'	X'009D'	X'C29D'
X'9E'	X'017E'	X'C5BE'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'9B'	X'203A'	X'E280BA'
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'98'	X'02DC'	X'CB9C'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'00F0'	X'C3B0'
X'D0'	X'00D0'	X'C390'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'9A'	X'0161'	X'C5A1'
X'8A'	X'0160'	X'C5A0'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'FE'	X'00FE'	X'C3BE'
X'DE'	X'00DE'	X'C39E'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FD'	X'00FD'	X'C3BD'
X'DD'	X'00DD'	X'C39D'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'F8'	X'00F8'	X'C3B8'

*Table 149. Characters in code page 1252 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1252	UCS-2BE	UTF-8
X'D8'	X'00D8'	X'C398'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'

## Code page 1253, Generic (SYSTEM\_1253)

This is the collation table for code page 1253 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1253 collation.

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents*

Code page 1253	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'88'	X'0088'	X'C288'
X'8A'	X'008A'	X'C28A'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'98'	X'0098'	X'C298'
X'9A'	X'009A'	X'C29A'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'D2'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'A4'	X'00A4'	X'C2A4'
X'A5'	X'00A5'	X'C2A5'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'AA'	X'00AA'	X'C2AA'
X'AE'	X'00AE'	X'C2AE'
X'B5'	X'00B5'	X'C2B5'
X'B6'	X'00B6'	X'C2B6'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'AF'	X'2015'	X'E28095'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'0384'	X'CE84'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'A1'	X'0385'	X'CE85'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'A9'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BD'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'C1'	X'0391'	X'CE91'
X'E1'	X'03B1'	X'CEB1'
X'A2'	X'0386'	X'CE86'
X'DC'	X'03AC'	X'CEAC'
X'C2'	X'0392'	X'CE92'
X'E2'	X'03B2'	X'CEB2'
X'C3'	X'0393'	X'CE93'
X'E3'	X'03B3'	X'CEB3'
X'C4'	X'0394'	X'CE94'
X'E4'	X'03B4'	X'CEB4'
X'C5'	X'0395'	X'CE95'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'E5'	X'03B5'	X'CEB5'
X'B8'	X'0388'	X'CE88'
X'DD'	X'03AD'	X'CEAD'
X'C6'	X'0396'	X'CE96'
X'E6'	X'03B6'	X'CEB6'
X'C7'	X'0397'	X'CE97'
X'E7'	X'03B7'	X'CEB7'
X'B9'	X'0389'	X'CE89'
X'DE'	X'03AE'	X'CEAE'
X'C8'	X'0398'	X'CE98'
X'E8'	X'03B8'	X'CEB8'
X'C9'	X'0399'	X'CE99'
X'E9'	X'03B9'	X'CEB9'
X'BA'	X'038A'	X'CE8A'
X'DF'	X'03AF'	X'CEAF'
X'DA'	X'03AA'	X'CEAA'
X'FA'	X'03CA'	X'CF8A'
X'C0'	X'0390'	X'CE90'
X'CA'	X'039A'	X'CE9A'
X'EA'	X'03BA'	X'CEBA'
X'CB'	X'039B'	X'CE9B'
X'EB'	X'03BB'	X'CEBB'
X'CC'	X'039C'	X'CE9C'
X'EC'	X'03BC'	X'CEBC'
X'CD'	X'039D'	X'CE9D'
X'ED'	X'03BD'	X'CEBD'
X'CE'	X'039E'	X'CE9E'
X'EE'	X'03BE'	X'CEBE'
X'CF'	X'039F'	X'CE9F'
X'EF'	X'03BF'	X'CEBF'
X'BC'	X'038C'	X'CE8C'
X'FC'	X'03CC'	X'CF8C'
X'D0'	X'03A0'	X'CEA0'
X'F0'	X'03C0'	X'CF80'
X'D1'	X'03A1'	X'CEA1'
X'F1'	X'03C1'	X'CF81'
X'D3'	X'03A3'	X'CEA3'
X'F3'	X'03C3'	X'CF83'
X'F2'	X'03C2'	X'CF82'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'D4'	X'03A4'	X'CEA4'
X'F4'	X'03C4'	X'CF84'
X'D5'	X'03A5'	X'CEA5'
X'F5'	X'03C5'	X'CF85'
X'BE'	X'038E'	X'CE8E'
X'FD'	X'03CD'	X'CF8D'
X'DB'	X'03AB'	X'CEAB'
X'FB'	X'03CB'	X'CF8B'
X'E0'	X'03B0'	X'CEB0'
X'D6'	X'03A6'	X'CEA6'
X'F6'	X'03C6'	X'CF86'
X'D7'	X'03A7'	X'CEA7'
X'F7'	X'03C7'	X'CF87'
X'D8'	X'03A8'	X'CEA8'
X'F8'	X'03C8'	X'CF88'
X'D9'	X'03A9'	X'CEA9'
X'F9'	X'03C9'	X'CF89'
X'BF'	X'038F'	X'CE8F'
X'FE'	X'03CE'	X'CF8E'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'

*Table 150. Characters in code page 1253 in ascending sort order and their Unicode equivalents (continued)*

Code page 1253	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'

---

## Code page 1254, Generic (SYSTEM\_1254)

This is the collation table for code page 1254 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1254 collation.

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents*

Code page 1254	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8A'	X'0160'	X'C5A0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'98'	X'02DC'	X'CB9C'
X'99'	X'2122'	X'E284A2'
X'9A'	X'0161'	X'C5A1'
X'9B'	X'203A'	X'E280BA'
X'AF'	X'00AF'	X'C2AF'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'AA'	X'00AA'	X'C2AA'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E3'	X'00E3'	X'C3A3'
X'C3'	X'00C3'	X'C383'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'F0'	X'011F'	X'C49F'
X'D0'	X'011E'	X'C49E'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'FD'	X'0131'	X'C4B1'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'DD'	X'0130'	X'C4B0'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EC'	X'00EC'	X'C3AC'
X'CC'	X'00CC'	X'C38C'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BA'	X'00BA'	X'C2BA'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F2'	X'00F2'	X'C3B2'
X'D2'	X'00D2'	X'C392'
X'F4'	X'00F4'	X'C3B4'
X'D4'	X'00D4'	X'C394'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'FE'	X'015F'	X'C59F'
X'DE'	X'015E'	X'C59E'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'

*Table 151. Characters in code page 1254 in ascending sort order and their Unicode equivalents (continued)*

Code page 1254	UCS-2BE	UTF-8
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'
X'9F'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1255, Generic (SYSTEM\_1255)

This is the collation table for code page 1255 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1255 collation.

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents*

Code page 1255	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'81'	X'0081'	X'C281'
X'8A'	X'008A'	X'C28A'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9A'	X'009A'	X'C29A'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A1'	X'001A'	X'1A'
X'AA'	X'001A'	X'1A'
X'B8'	X'001A'	X'1A'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'BA'	X'001A'	X'1A'
X'BF'	X'001A'	X'1A'
X'CA'	X'001A'	X'1A'
X'D7'	X'001A'	X'1A'
X'D8'	X'001A'	X'1A'
X'D9'	X'001A'	X'1A'
X'DA'	X'001A'	X'1A'
X'DB'	X'001A'	X'1A'
X'DC'	X'001A'	X'1A'
X'DD'	X'001A'	X'1A'
X'DE'	X'001A'	X'1A'
X'DF'	X'001A'	X'1A'
X'FB'	X'001A'	X'1A'
X'FC'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'88'	X'02C6'	X'CB86'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'98'	X'02DC'	X'CB9C'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'A4'	X'20AA'	X'E282AA'
X'AF'	X'00AF'	X'C2AF'
X'B7'	X'00B7'	X'C2B7'
X'C0'	X'05B0'	X'D6B0'
X'C1'	X'05B1'	X'D6B1'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'C2'	X'05B2'	X'D6B2'
X'C3'	X'05B3'	X'D6B3'
X'C4'	X'05B4'	X'D6B4'
X'C5'	X'05B5'	X'D6B5'
X'C6'	X'05B6'	X'D6B6'
X'C7'	X'05B7'	X'D6B7'
X'C8'	X'05B8'	X'D6B8'
X'C9'	X'05B9'	X'D6B9'
X'CB'	X'05BB'	X'D6BB'
X'CC'	X'05BC'	X'D6BC'
X'CD'	X'05BD'	X'D6BD'
X'CE'	X'05BE'	X'D6BE'
X'CF'	X'05BF'	X'D6BF'
X'D0'	X'05C0'	X'D780'
X'D1'	X'05C1'	X'D781'
X'D2'	X'05C2'	X'D782'
X'D3'	X'05C3'	X'D783'
X'D4'	X'05F0'	X'D7B0'
X'D5'	X'05F1'	X'D7B1'
X'D6'	X'05F2'	X'D7B2'
X'FD'	X'200E'	X'E2808E'
X'FE'	X'200F'	X'E2808F'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'95'	X'2022'	X'E280A2'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E0'	X'05D0'	X'D790'
X'E1'	X'05D1'	X'D791'
X'E2'	X'05D2'	X'D792'
X'E3'	X'05D3'	X'D793'
X'E4'	X'05D4'	X'D794'
X'E5'	X'05D5'	X'D795'
X'E6'	X'05D6'	X'D796'
X'E7'	X'05D7'	X'D797'
X'E8'	X'05D8'	X'D798'
X'E9'	X'05D9'	X'D799'
X'EA'	X'05DA'	X'D79A'
X'EB'	X'05DB'	X'D79B'
X'EC'	X'05DC'	X'D79C'
X'ED'	X'05DD'	X'D79D'
X'EE'	X'05DE'	X'D79E'

*Table 152. Characters in code page 1255 in ascending sort order and their Unicode equivalents (continued)*

Code page 1255	UCS-2BE	UTF-8
X'EF'	X'05DF'	X'D79F'
X'F0'	X'05E0'	X'D7A0'
X'F1'	X'05E1'	X'D7A1'
X'F2'	X'05E2'	X'D7A2'
X'F3'	X'05E3'	X'D7A3'
X'F4'	X'05E4'	X'D7A4'
X'F5'	X'05E5'	X'D7A5'
X'F6'	X'05E6'	X'D7A6'
X'F7'	X'05E7'	X'D7A7'
X'F8'	X'05E8'	X'D7A8'
X'F9'	X'05E9'	X'D7A9'
X'FA'	X'05EA'	X'D7AA'

---

## Code page 1256, Generic (SYSTEM\_1256)

This is the collation table for code page 1256 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1256 collation.

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents*

Code page 1256	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'80'	X'20AC'	X'E282AC'
X'8A'	X'008A'	X'C28A'
X'8F'	X'008F'	X'C28F'
X'98'	X'0098'	X'C298'
X'9A'	X'009A'	X'C29A'
X'9F'	X'009F'	X'C29F'
X'AA'	X'001A'	X'1A'
X'C0'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'83'	X'0192'	X'C692'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'88'	X'02C6'	X'CB86'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'8C'	X'0152'	X'C592'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'9C'	X'0153'	X'C593'
X'9D'	X'200C'	X'E2808C'
X'9E'	X'200D'	X'E2808D'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'A7'	X'00A7'	X'C2A7'
X'A8'	X'00A8'	X'C2A8'
X'A9'	X'00A9'	X'C2A9'
X'AB'	X'00AB'	X'C2AB'
X'AE'	X'00AE'	X'C2AE'
X'AF'	X'00AF'	X'C2AF'
X'B0'	X'00B0'	X'C2B0'
X'B1'	X'00B1'	X'C2B1'
X'B2'	X'00B2'	X'C2B2'
X'B3'	X'00B3'	X'C2B3'
X'B4'	X'00B4'	X'C2B4'
X'B5'	X'00B5'	X'C2B5'
X'B6'	X'00B6'	X'C2B6'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'B9'	X'00B9'	X'C2B9'
X'BB'	X'00BB'	X'C2BB'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'E0'	X'00E0'	X'C3A0'
X'E2'	X'00E2'	X'C3A2'
X'E7'	X'00E7'	X'C3A7'
X'E8'	X'00E8'	X'C3A8'
X'E9'	X'00E9'	X'C3A9'
X'EA'	X'00EA'	X'C3AA'
X'EB'	X'00EB'	X'C3AB'
X'EE'	X'00EE'	X'C3AE'
X'EF'	X'00EF'	X'C3AF'
X'F4'	X'00F4'	X'C3B4'
X'F9'	X'00F9'	X'C3B9'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'FB'	X'00FB'	X'C3BB'
X'FC'	X'00FC'	X'C3BC'
X'FD'	X'200E'	X'E2808E'
X'FE'	X'200F'	X'E2808F'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'A1'	X'060C'	X'D88C'
X'3B'	X'003B'	X'3B'
X'BA'	X'061B'	X'D89B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'BF'	X'061F'	X'D89F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'F7'	X'00F7'	X'C3B7'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'C1'	X'0621'	X'D8A1'
X'C2'	X'0622'	X'D8A2'
X'C3'	X'0623'	X'D8A3'
X'C4'	X'0624'	X'D8A4'
X'C5'	X'0625'	X'D8A5'
X'C6'	X'0626'	X'D8A6'
X'C7'	X'0627'	X'D8A7'
X'C8'	X'0628'	X'D8A8'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'81'	X'067E'	X'D9BE'
X'C9'	X'0629'	X'D8A9'
X'CA'	X'062A'	X'D8AA'
X'CB'	X'062B'	X'D8AB'
X'CC'	X'062C'	X'D8AC'
X'8D'	X'0686'	X'DA86'
X'CD'	X'062D'	X'D8AD'
X'CE'	X'062E'	X'D8AE'
X'CF'	X'062F'	X'D8AF'
X'D0'	X'0630'	X'D8B0'
X'D1'	X'0631'	X'D8B1'
X'D2'	X'0632'	X'D8B2'
X'8E'	X'0698'	X'DA98'
X'D3'	X'0633'	X'D8B3'
X'D4'	X'0634'	X'D8B4'
X'D5'	X'0635'	X'D8B5'
X'D6'	X'0636'	X'D8B6'
X'D8'	X'0637'	X'D8B7'
X'D9'	X'0638'	X'D8B8'
X'DA'	X'0639'	X'D8B9'
X'DB'	X'063A'	X'D8BA'
X'DD'	X'0641'	X'D981'
X'DE'	X'0642'	X'D982'
X'DF'	X'0643'	X'D983'
X'90'	X'06AF'	X'DAAF'
X'E1'	X'0644'	X'D984'
X'E3'	X'0645'	X'D985'
X'E4'	X'0646'	X'D986'
X'E5'	X'0647'	X'D987'
X'E6'	X'0648'	X'D988'
X'EC'	X'0649'	X'D989'
X'ED'	X'064A'	X'D98A'
X'F0'	X'064B'	X'D98B'
X'F1'	X'064C'	X'D98C'
X'F2'	X'064D'	X'D98D'
X'F3'	X'064E'	X'D98E'
X'F5'	X'064F'	X'D98F'
X'F6'	X'0650'	X'D990'
X'FA'	X'0652'	X'D992'

*Table 153. Characters in code page 1256 in ascending sort order and their Unicode equivalents (continued)*

Code page 1256	UCS-2BE	UTF-8
X'F8'	X'0651'	X'D991'
X'DC'	X'0640'	X'D980'

---

## Code page 1257, Generic (SYSTEM\_1257)

This is the collation table for code page 1257 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1257\_territory collation, where *territory* is not EE or LT.

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents*

Code page 1257	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'81'	X'0081'	X'C281'
X'83'	X'0083'	X'C283'
X'88'	X'0088'	X'C288'
X'8A'	X'008A'	X'C28A'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'98'	X'0098'	X'C298'
X'9A'	X'009A'	X'C29A'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A1'	X'001A'	X'1A'
X'A5'	X'001A'	X'1A'
X'B4'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'80'	X'20AC'	X'E282AC'
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'C5'	X'00C5'	X'C385'
X'E5'	X'00E5'	X'C3A5'
X'C4'	X'00C4'	X'C384'
X'E4'	X'00E4'	X'C3A4'
X'C2'	X'0100'	X'C480'
X'E2'	X'0101'	X'C481'
X'C0'	X'0104'	X'C484'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'E0'	X'0105'	X'C485'
X'AF'	X'00C6'	X'C386'
X'BF'	X'00E6'	X'C3A6'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'C3'	X'0106'	X'C486'
X'E3'	X'0107'	X'C487'
X'C8'	X'010C'	X'C48C'
X'E8'	X'010D'	X'C48D'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'C9'	X'00C9'	X'C389'
X'E9'	X'00E9'	X'C3A9'
X'C7'	X'0112'	X'C492'
X'E7'	X'0113'	X'C493'
X'CB'	X'0116'	X'C496'
X'EB'	X'0117'	X'C497'
X'C6'	X'0118'	X'C498'
X'E6'	X'0119'	X'C499'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'CC'	X'0122'	X'C4A2'
X'EC'	X'0123'	X'C4A3'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'CE'	X'012A'	X'C4AA'
X'EE'	X'012B'	X'C4AB'
X'C1'	X'012E'	X'C4AE'
X'E1'	X'012F'	X'C4AF'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'CD'	X'0136'	X'C4B6'
X'ED'	X'0137'	X'C4B7'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'D9'	X'0141'	X'C581'
X'F9'	X'0142'	X'C582'
X'CF'	X'013B'	X'C4BB'
X'EF'	X'013C'	X'C4BC'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'D1'	X'0143'	X'C583'
X'F1'	X'0144'	X'C584'
X'D2'	X'0145'	X'C585'
X'F2'	X'0146'	X'C586'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'D3'	X'00D3'	X'C393'
X'F3'	X'00F3'	X'C3B3'
X'D6'	X'00D6'	X'C396'
X'F6'	X'00F6'	X'C3B6'
X'D5'	X'00D5'	X'C395'
X'F5'	X'00F5'	X'C3B5'
X'A8'	X'00D8'	X'C398'
X'B8'	X'00F8'	X'C3B8'
X'D4'	X'014C'	X'C58C'
X'F4'	X'014D'	X'C58D'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'AA'	X'0156'	X'C596'

*Table 154. Characters in code page 1257 in ascending sort order and their Unicode equivalents (continued)*

Code page 1257	UCS-2BE	UTF-8
X'BA'	X'0157'	X'C597'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'DA'	X'015A'	X'C59A'
X'FA'	X'015B'	X'C59B'
X'D0'	X'0160'	X'C5A0'
X'F0'	X'0161'	X'C5A1'
X'DF'	X'00DF'	X'C39F'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'DC'	X'00DC'	X'C39C'
X'FC'	X'00FC'	X'C3BC'
X'DB'	X'016A'	X'C5AA'
X'FB'	X'016B'	X'C5AB'
X'D8'	X'0172'	X'C5B2'
X'F8'	X'0173'	X'C5B3'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'
X'CA'	X'0179'	X'C5B9'
X'EA'	X'017A'	X'C5BA'
X'DE'	X'017D'	X'C5BD'
X'FE'	X'017E'	X'C5BE'
X'DD'	X'017B'	X'C5BB'
X'FD'	X'017C'	X'C5BC'

---

## Code page 1257, Estonia (SYSTEM\_1257\_EE)

This is the collation table for code page 1257 databases with SYSTEM collation and territory EE (Estonia), and for Unicode databases with SYSTEM\_1257\_EE collation.

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE*

<b>Code page 1257</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'81'	X'0081'	X'C281'
X'83'	X'0083'	X'C283'
X'88'	X'0088'	X'C288'
X'8A'	X'008A'	X'C28A'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'98'	X'0098'	X'C298'
X'9A'	X'009A'	X'C29A'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A1'	X'001A'	X'1A'
X'A5'	X'001A'	X'1A'
X'B4'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'80'	X'20AC'	X'E282AC'
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'AA'	X'0156'	X'C596'
X'BA'	X'0157'	X'C597'
X'C0'	X'0104'	X'C484'
X'C1'	X'012E'	X'C4AE'
X'C2'	X'0100'	X'C480'
X'C3'	X'0106'	X'C486'
X'C6'	X'0118'	X'C498'
X'C7'	X'0112'	X'C492'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'C8'	X'010C'	X'C48C'
X'CA'	X'0179'	X'C5B9'
X'CB'	X'0116'	X'C496'
X'CC'	X'0122'	X'C4A2'
X'CD'	X'0136'	X'C4B6'
X'CE'	X'012A'	X'C4AA'
X'CF'	X'013B'	X'C4BB'
X'D1'	X'0143'	X'C583'
X'D2'	X'0145'	X'C585'
X'D4'	X'014C'	X'C58C'
X'D8'	X'0172'	X'C5B2'
X'D9'	X'0141'	X'C581'
X'DA'	X'015A'	X'C59A'
X'DB'	X'016A'	X'C5AA'
X'DD'	X'017B'	X'C5BB'
X'E0'	X'0105'	X'C485'
X'E1'	X'012F'	X'C4AF'
X'E2'	X'0101'	X'C481'
X'E3'	X'0107'	X'C487'
X'E6'	X'0119'	X'C499'
X'E7'	X'0113'	X'C493'
X'E8'	X'010D'	X'C48D'
X'EA'	X'017A'	X'C5BA'
X'EB'	X'0117'	X'C497'
X'EC'	X'0123'	X'C4A3'
X'ED'	X'0137'	X'C4B7'
X'EE'	X'012B'	X'C4AB'
X'EF'	X'013C'	X'C4BC'
X'F1'	X'0144'	X'C584'
X'F2'	X'0146'	X'C586'
X'F4'	X'014D'	X'C58D'
X'F8'	X'0173'	X'C5B3'
X'F9'	X'0142'	X'C582'
X'FA'	X'015B'	X'C59B'
X'FB'	X'016B'	X'C5AB'
X'FD'	X'017C'	X'C5BC'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'BF'	X'00E6'	X'C3A6'
X'AF'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F5'	X'00F5'	X'C3B5'
X'D5'	X'00D5'	X'C395'
X'B8'	X'00F8'	X'C3B8'
X'A8'	X'00D8'	X'C398'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'

*Table 155. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory EE (continued)*

Code page 1257	UCS-2BE	UTF-8
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'F0'	X'0161'	X'C5A1'
X'D0'	X'0160'	X'C5A0'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'FE'	X'017E'	X'C5BE'
X'DE'	X'017D'	X'C5BD'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'

---

## Code page 1257, Lithuania (SYSTEM\_1257\_LT)

This is the collation table for code page 1257 databases with SYSTEM collation and territory LT (Lithuania), and for Unicode databases with SYSTEM\_1257\_LT collation.

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT*

Code page 1257	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'81'	X'0081'	X'C281'
X'83'	X'0083'	X'C283'
X'88'	X'0088'	X'C288'
X'8A'	X'008A'	X'C28A'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'98'	X'0098'	X'C298'
X'9A'	X'009A'	X'C29A'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'A1'	X'001A'	X'1A'
X'A5'	X'001A'	X'1A'
X'B4'	X'001A'	X'1A'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'80'	X'20AC'	X'E282AC'
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'
X'9B'	X'203A'	X'E280BA'
X'CC'	X'0122'	X'C4A2'
X'CD'	X'0136'	X'C4B6'
X'EC'	X'0123'	X'C4A3'
X'ED'	X'0137'	X'C4B7'
X'5F'	X'005F'	X'5F'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'B7'	X'00B7'	X'C2B7'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'C5'	X'00C5'	X'C385'
X'E5'	X'00E5'	X'C3A5'
X'C4'	X'00C4'	X'C384'
X'E4'	X'00E4'	X'C3A4'
X'C2'	X'0100'	X'C480'
X'E2'	X'0101'	X'C481'
X'C0'	X'0104'	X'C484'
X'E0'	X'0105'	X'C485'
X'AF'	X'00C6'	X'C386'
X'BF'	X'00E6'	X'C3A6'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'C3'	X'0106'	X'C486'
X'E3'	X'0107'	X'C487'
X'C8'	X'010C'	X'C48C'
X'E8'	X'010D'	X'C48D'
X'44'	X'0044'	X'44'
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'C9'	X'00C9'	X'C389'
X'E9'	X'00E9'	X'C3A9'
X'C7'	X'0112'	X'C492'
X'E7'	X'0113'	X'C493'
X'CB'	X'0116'	X'C496'
X'EB'	X'0117'	X'C497'
X'C6'	X'0118'	X'C498'
X'E6'	X'0119'	X'C499'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'CE'	X'012A'	X'C4AA'
X'EE'	X'012B'	X'C4AB'
X'C1'	X'012E'	X'C4AE'
X'E1'	X'012F'	X'C4AF'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'D9'	X'0141'	X'C581'
X'F9'	X'0142'	X'C582'
X'CF'	X'013B'	X'C4BB'
X'EF'	X'013C'	X'C4BC'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'D1'	X'0143'	X'C583'
X'F1'	X'0144'	X'C584'
X'D2'	X'0145'	X'C585'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'F2'	X'0146'	X'C586'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'D3'	X'00D3'	X'C393'
X'F3'	X'00F3'	X'C3B3'
X'D6'	X'00D6'	X'C396'
X'F6'	X'00F6'	X'C3B6'
X'D5'	X'00D5'	X'C395'
X'F5'	X'00F5'	X'C3B5'
X'A8'	X'00D8'	X'C398'
X'B8'	X'00F8'	X'C3B8'
X'D4'	X'014C'	X'C58C'
X'F4'	X'014D'	X'C58D'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'
X'72'	X'0072'	X'72'
X'AA'	X'0156'	X'C596'
X'BA'	X'0157'	X'C597'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'DA'	X'015A'	X'C59A'
X'FA'	X'015B'	X'C59B'
X'D0'	X'0160'	X'C5A0'
X'F0'	X'0161'	X'C5A1'
X'DF'	X'00DF'	X'C39F'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'DC'	X'00DC'	X'C39C'
X'FC'	X'00FC'	X'C3BC'
X'DB'	X'016A'	X'C5AA'
X'FB'	X'016B'	X'C5AB'
X'D8'	X'0172'	X'C5B2'
X'F8'	X'0173'	X'C5B3'
X'56'	X'0056'	X'56'

*Table 156. Characters in code page 1257 in ascending sort order and their Unicode equivalents for territory LT (continued)*

Code page 1257	UCS-2BE	UTF-8
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'
X'CA'	X'0179'	X'C5B9'
X'EA'	X'017A'	X'C5BA'
X'DE'	X'017D'	X'C5BD'
X'FE'	X'017E'	X'C5BE'
X'DD'	X'017B'	X'C5BB'
X'FD'	X'017C'	X'C5BC'

---

## Code page 1258, Generic (SYSTEM\_1258)

This is the collation table for code page 1258 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1258 collation.

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents*

Code page 1258	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'81'	X'0081'	X'C281'
X'8A'	X'008A'	X'C28A'
X'8D'	X'008D'	X'C28D'
X'8E'	X'008E'	X'C28E'
X'8F'	X'008F'	X'C28F'
X'90'	X'0090'	X'C290'
X'9A'	X'009A'	X'C29A'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'20'	X'0020'	X'20'
X'82'	X'201A'	X'E2809A'
X'84'	X'201E'	X'E2809E'
X'85'	X'2026'	X'E280A6'
X'86'	X'2020'	X'E280A0'
X'87'	X'2021'	X'E280A1'
X'89'	X'2030'	X'E280B0'
X'8B'	X'2039'	X'E280B9'
X'91'	X'2018'	X'E28098'
X'92'	X'2019'	X'E28099'
X'93'	X'201C'	X'E2809C'
X'94'	X'201D'	X'E2809D'
X'95'	X'2022'	X'E280A2'
X'96'	X'2013'	X'E28093'
X'97'	X'2014'	X'E28094'
X'99'	X'2122'	X'E284A2'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'9B'	X'203A'	X'E280BA'
X'AA'	X'00AA'	X'C2AA'
X'BA'	X'00BA'	X'C2BA'
X'5F'	X'005F'	X'5F'
X'AF'	X'00AF'	X'C2AF'
X'AD'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'A1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'BF'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'B4'	X'00B4'	X'C2B4'
X'EC'	X'0301'	X'CC81'
X'60'	X'0060'	X'60'
X'CC'	X'0300'	X'CC80'
X'5E'	X'005E'	X'5E'
X'88'	X'02C6'	X'CB86'
X'A8'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'98'	X'02DC'	X'CB9C'
X'DE'	X'0303'	X'CC83'
X'B7'	X'00B7'	X'C2B7'
X'B8'	X'00B8'	X'C2B8'
X'F2'	X'0323'	X'CCA3'
X'D2'	X'0309'	X'CC89'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'AB'	X'00AB'	X'C2AB'
X'BB'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'7D'	X'007D'	X'7D'
X'A7'	X'00A7'	X'C2A7'
X'B6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'AE'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A4'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'FE'	X'20AB'	X'E282AB'
X'80'	X'20AC'	X'E282AC'
X'83'	X'0192'	X'C692'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'F7'	X'00F7'	X'C3B7'
X'D7'	X'00D7'	X'C397'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'AC'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A6'	X'00A6'	X'C2A6'
X'B0'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'A0'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'BC'	X'00BC'	X'C2BC'
X'BD'	X'00BD'	X'C2BD'
X'BE'	X'00BE'	X'C2BE'
X'31'	X'0031'	X'31'
X'B9'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'B2'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'B3'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'E0'	X'00E0'	X'C3A0'
X'C0'	X'00C0'	X'C380'
X'E1'	X'00E1'	X'C3A1'
X'C1'	X'00C1'	X'C381'
X'E3'	X'0103'	X'C483'
X'C3'	X'0102'	X'C482'
X'E2'	X'00E2'	X'C3A2'
X'C2'	X'00C2'	X'C382'
X'E5'	X'00E5'	X'C3A5'
X'C5'	X'00C5'	X'C385'
X'E4'	X'00E4'	X'C3A4'
X'C4'	X'00C4'	X'C384'
X'E6'	X'00E6'	X'C3A6'
X'C6'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'E7'	X'00E7'	X'C3A7'
X'C7'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'F0'	X'0111'	X'C491'
X'D0'	X'0110'	X'C490'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'E8'	X'00E8'	X'C3A8'
X'C8'	X'00C8'	X'C388'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'E9'	X'00E9'	X'C3A9'
X'C9'	X'00C9'	X'C389'
X'EA'	X'00EA'	X'C3AA'
X'CA'	X'00CA'	X'C38A'
X'EB'	X'00EB'	X'C3AB'
X'CB'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'ED'	X'00ED'	X'C3AD'
X'CD'	X'00CD'	X'C38D'
X'EE'	X'00EE'	X'C3AE'
X'CE'	X'00CE'	X'C38E'
X'EF'	X'00EF'	X'C3AF'
X'CF'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'F1'	X'00F1'	X'C3B1'
X'D1'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'F5'	X'01A1'	X'C6A1'
X'D5'	X'01A0'	X'C6A0'
X'F3'	X'00F3'	X'C3B3'
X'D3'	X'00D3'	X'C393'
X'F4'	X'00F4'	X'C3B4'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'D4'	X'00D4'	X'C394'
X'F6'	X'00F6'	X'C3B6'
X'D6'	X'00D6'	X'C396'
X'F8'	X'00F8'	X'C3B8'
X'D8'	X'00D8'	X'C398'
X'9C'	X'0153'	X'C593'
X'8C'	X'0152'	X'C592'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'DF'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'F9'	X'00F9'	X'C3B9'
X'D9'	X'00D9'	X'C399'
X'FD'	X'01B0'	X'C6B0'
X'DD'	X'01AF'	X'C6AF'
X'FA'	X'00FA'	X'C3BA'
X'DA'	X'00DA'	X'C39A'
X'FB'	X'00FB'	X'C3BB'
X'DB'	X'00DB'	X'C39B'
X'FC'	X'00FC'	X'C3BC'
X'DC'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'FF'	X'00FF'	X'C3BF'

*Table 157. Characters in code page 1258 in ascending sort order and their Unicode equivalents (continued)*

Code page 1258	UCS-2BE	UTF-8
X'9F'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

## Code page 1275, Generic (SYSTEM\_1275)

This is the collation table for code page 1275 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1275\_territory collation, where *territory* is not DK, FI, IS, NO, or SE.

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents*

Code page 1275	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'
X'F8'	X'00AF'	X'C2AF'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'DA'	X'2044'	X'E28184'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'02DC'	X'CB9C'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'A6'	X'00B6'	X'C2B6'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'DB'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'
X'8F'	X'00E8'	X'C3A8'
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'DE'	X'FB01'	X'EFAC81'
X'DF'	X'FB02'	X'EFAC82'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'49'	X'0049'	X'49'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'F5'	X'0131'	X'C4B1'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'

*Table 158. Characters in code page 1275 in ascending sort order and their Unicode equivalents (continued)*

Code page 1275	UCS-2BE	UTF-8
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C39B'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1275, Denmark (SYSTEM\_1275\_DK)

This is the collation table for code page 1275 databases with SYSTEM collation and territory DK (Denmark), and for Unicode databases with SYSTEM\_1275\_DK collation.

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK*

Code page 1275	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'
X'F8'	X'00AF'	X'C2AF'
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'DA'	X'2044'	X'E28184'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'02DC'	X'CB9C'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'A6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'DB'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'
X'8F'	X'00E8'	X'C3A8'
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'DE'	X'FB01'	X'EFAC81'
X'DF'	X'FB02'	X'EFAC82'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'F5'	X'0131'	X'C4B1'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'

*Table 159. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory DK (continued)*

Code page 1275	UCS-2BE	UTF-8
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'

---

## Code page 1275, Finland and Sweden (SYSTEM\_1275\_FI and SYSTEM\_1275\_SE)

This is the collation table for code page 1275 databases with SYSTEM collation and territory FI (Finland) or SE (Sweden), and for Unicode databases with SYSTEM\_1275\_FI or SYSTEM\_1275\_SE collation.

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE*

Code page 1275	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'
X'F8'	X'00AF'	X'C2AF'
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'DA'	X'2044'	X'E28184'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'02DC'	X'CB9C'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'A6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'DB'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'
X'8F'	X'00E8'	X'C3A8'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'DE'	X'FB01'	X'EFAC81'
X'DF'	X'FB02'	X'EFAC82'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'F5'	X'0131'	X'C4B1'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C39B'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'

*Table 160. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territories FI and SE (continued)*

Code page 1275	UCS-2BE	UTF-8
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'

---

## Code page 1275, Iceland (SYSTEM\_1275\_IS)

This is the collation table for code page 1275 databases with SYSTEM collation and territory IS (Iceland), and for Unicode databases with SYSTEM\_1275\_IS collation.

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS*

Code page 1275	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'
X'F8'	X'00AF'	X'C2AF'
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'DA'	X'2044'	X'E28184'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'02DC'	X'CB9C'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'A6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'DB'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8F'	X'00E8'	X'C3A8'
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'
X'66'	X'0066'	X'66'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'46'	X'0046'	X'46'
X'DE'	X'FB01'	X'EFAC81'
X'DF'	X'FB02'	X'EFAC82'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'F5'	X'0131'	X'C4B1'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C39B'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'

*Table 161. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory IS (continued)*

Code page 1275	UCS-2BE	UTF-8
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'

---

## Code page 1275, Norway (SYSTEM\_1275\_NO)

This is the collation table for code page 1275 databases with SYSTEM collation and territory NO (Norway), and for Unicode databases with SYSTEM\_1275\_NO collation.

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO*

Code page 1275	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E280A9'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'F8'	X'00AF'	X'C2AF'
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'DA'	X'2044'	X'E28184'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'F7'	X'02DC'	X'CB9C'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'A6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'DB'	X'00A4'	X'C2A4'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'87'	X'00E1'	X'C3A1'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'E7'	X'00C1'	X'C381'
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'
X'8F'	X'00E8'	X'C3A8'
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'DE'	X'FB01'	X'EFAC81'
X'DF'	X'FB02'	X'EFAC82'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'F5'	X'0131'	X'C4B1'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'

*Table 162. Characters in code page 1275 in ascending sort order and their Unicode equivalents for territory NO (continued)*

Code page 1275	UCS-2BE	UTF-8
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C3B9'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'

---

## Code page 1280, Generic (SYSTEM\_1280)

This is the collation table for code page 1280 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1280 collation.

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents*

<b>Code page 1280</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'FF'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'93'	X'2122'	X'E284A2'
X'96'	X'2022'	X'E280A2'
X'98'	X'2030'	X'E280B0'
X'A0'	X'2020'	X'E280A0'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'A8'	X'00AE'	X'C2AE'
X'AD'	X'2260'	X'E289A0'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B4'	X'00A5'	X'C2A5'
X'C5'	X'2248'	X'E28988'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D6'	X'00F7'	X'C3B7'
X'5F'	X'005F'	X'5F'
X'9C'	X'00AD'	X'C2AD'
X'2D'	X'002D'	X'2D'
X'D1'	X'2015'	X'E28095'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'8B'	X'0384'	X'CE84'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'8C'	X'00A8'	X'C2A8'
X'87'	X'0385'	X'CE85'
X'7E'	X'007E'	X'7E'
X'AF'	X'0387'	X'CE87'
X'27'	X'0027'	X'27'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'AC'	X'00A7'	X'C2A7'
X'A9'	X'00A9'	X'C2A9'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'92'	X'00A3'	X'C2A3'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'9B'	X'00A6'	X'C2A6'
X'AE'	X'00B0'	X'C2B0'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'97'	X'00BD'	X'C2BD'
X'31'	X'0031'	X'31'
X'81'	X'00B9'	X'C2B9'
X'32'	X'0032'	X'32'
X'82'	X'00B2'	X'C2B2'
X'33'	X'0033'	X'33'
X'84'	X'00B3'	X'C2B3'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'B0'	X'0391'	X'CE91'
X'E1'	X'03B1'	X'CEB1'
X'CD'	X'0386'	X'CE86'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'C0'	X'03AC'	X'CEAC'
X'B5'	X'0392'	X'CE92'
X'E2'	X'03B2'	X'CEB2'
X'A1'	X'0393'	X'CE93'
X'E7'	X'03B3'	X'CEB3'
X'A2'	X'0394'	X'CE94'
X'E4'	X'03B4'	X'CEB4'
X'B6'	X'0395'	X'CE95'
X'E5'	X'03B5'	X'CEB5'
X'CE'	X'0388'	X'CE88'
X'DB'	X'03AD'	X'CEAD'
X'B7'	X'0396'	X'CE96'
X'FA'	X'03B6'	X'CEB6'
X'B8'	X'0397'	X'CE97'
X'E8'	X'03B7'	X'CEB7'
X'D7'	X'0389'	X'CE89'
X'DC'	X'03AE'	X'CEAE'
X'A3'	X'0398'	X'CE98'
X'F5'	X'03B8'	X'CEB8'
X'B9'	X'0399'	X'CE99'
X'E9'	X'03B9'	X'CEB9'
X'D8'	X'038A'	X'CE8A'
X'DD'	X'03AF'	X'CEAF'
X'AB'	X'03AA'	X'CEAA'
X'FB'	X'03CA'	X'CF8A'
X'FD'	X'0390'	X'CE90'
X'BA'	X'039A'	X'CE9A'
X'EB'	X'03BA'	X'CEBA'
X'A4'	X'039B'	X'CE9B'
X'EC'	X'03BB'	X'CEBB'
X'BB'	X'039C'	X'CE9C'
X'ED'	X'03BC'	X'CEBC'
X'C1'	X'039D'	X'CE9D'
X'EE'	X'03BD'	X'CEBD'
X'A5'	X'039E'	X'CE9E'
X'EA'	X'03BE'	X'CEBE'
X'C3'	X'039F'	X'CE9F'
X'EF'	X'03BF'	X'CEBF'
X'D9'	X'038C'	X'CE8C'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'DE'	X'03CC'	X'CF8C'
X'A6'	X'03A0'	X'CEA0'
X'F0'	X'03C0'	X'CF80'
X'C4'	X'03A1'	X'CEA1'
X'F2'	X'03C1'	X'CF81'
X'AA'	X'03A3'	X'CEA3'
X'F3'	X'03C3'	X'CF83'
X'F7'	X'03C2'	X'CF82'
X'C6'	X'03A4'	X'CEA4'
X'F4'	X'03C4'	X'CF84'
X'CB'	X'03A5'	X'CEA5'
X'F9'	X'03C5'	X'CF85'
X'DA'	X'038E'	X'CE8E'
X'E0'	X'03CD'	X'CF8D'
X'BD'	X'03AB'	X'CEAB'
X'FC'	X'03CB'	X'CF8B'
X'FE'	X'03B0'	X'CEB0'
X'BC'	X'03A6'	X'CEA6'
X'E6'	X'03C6'	X'CF86'
X'CC'	X'03A7'	X'CEA7'
X'F8'	X'03C7'	X'CF87'
X'BE'	X'03A8'	X'CEA8'
X'E3'	X'03C8'	X'CF88'
X'BF'	X'03A9'	X'CEA9'
X'F6'	X'03C9'	X'CF89'
X'DF'	X'038F'	X'CE8F'
X'F1'	X'03CE'	X'CF8E'
X'41'	X'0041'	X'41'
X'61'	X'0061'	X'61'
X'88'	X'00E0'	X'C3A0'
X'89'	X'00E2'	X'C3A2'
X'80'	X'00C4'	X'C384'
X'8A'	X'00E4'	X'C3A4'
X'42'	X'0042'	X'42'
X'62'	X'0062'	X'62'
X'43'	X'0043'	X'43'
X'63'	X'0063'	X'63'
X'8D'	X'00E7'	X'C3A7'
X'44'	X'0044'	X'44'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'64'	X'0064'	X'64'
X'45'	X'0045'	X'45'
X'65'	X'0065'	X'65'
X'83'	X'00C9'	X'C389'
X'8E'	X'00E9'	X'C3A9'
X'8F'	X'00E8'	X'C3A8'
X'90'	X'00EA'	X'C3AA'
X'91'	X'00EB'	X'C3AB'
X'46'	X'0046'	X'46'
X'66'	X'0066'	X'66'
X'47'	X'0047'	X'47'
X'67'	X'0067'	X'67'
X'48'	X'0048'	X'48'
X'68'	X'0068'	X'68'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'94'	X'00EE'	X'C3AE'
X'95'	X'00EF'	X'C3AF'
X'4A'	X'004A'	X'4A'
X'6A'	X'006A'	X'6A'
X'4B'	X'004B'	X'4B'
X'6B'	X'006B'	X'6B'
X'4C'	X'004C'	X'4C'
X'6C'	X'006C'	X'6C'
X'4D'	X'004D'	X'4D'
X'6D'	X'006D'	X'6D'
X'4E'	X'004E'	X'4E'
X'6E'	X'006E'	X'6E'
X'4F'	X'004F'	X'4F'
X'6F'	X'006F'	X'6F'
X'99'	X'00F4'	X'C3B4'
X'85'	X'00D6'	X'C396'
X'9A'	X'00F6'	X'C3B6'
X'CF'	X'0153'	X'C593'
X'50'	X'0050'	X'50'
X'70'	X'0070'	X'70'
X'51'	X'0051'	X'51'
X'71'	X'0071'	X'71'
X'52'	X'0052'	X'52'

*Table 163. Characters in code page 1280 in ascending sort order and their Unicode equivalents (continued)*

Code page 1280	UCS-2BE	UTF-8
X'72'	X'0072'	X'72'
X'53'	X'0053'	X'53'
X'73'	X'0073'	X'73'
X'A7'	X'00DF'	X'C39F'
X'54'	X'0054'	X'54'
X'74'	X'0074'	X'74'
X'55'	X'0055'	X'55'
X'75'	X'0075'	X'75'
X'9D'	X'00F9'	X'C3B9'
X'9E'	X'00FB'	X'C3BB'
X'86'	X'00DC'	X'C39C'
X'9F'	X'00FC'	X'C3BC'
X'56'	X'0056'	X'56'
X'76'	X'0076'	X'76'
X'57'	X'0057'	X'57'
X'77'	X'0077'	X'77'
X'58'	X'0058'	X'58'
X'78'	X'0078'	X'78'
X'59'	X'0059'	X'59'
X'79'	X'0079'	X'79'
X'5A'	X'005A'	X'5A'
X'7A'	X'007A'	X'7A'

---

## Code page 1281, Generic (SYSTEM\_1281)

This is the collation table for code page 1281 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1281 collation.

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents*

Code page 1281	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'F5'	X'001A'	X'1A'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A5'	X'2022'	X'E280A2'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'B8'	X'220F'	X'E2888F'
X'B9'	X'03C0'	X'CF80'
X'BA'	X'222B'	X'E288AB'
X'BD'	X'2126'	X'E284A6'
X'C3'	X'221A'	X'E2889A'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D7'	X'25CA'	X'E2978A'
X'E0'	X'2021'	X'E280A1'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'E4'	X'2030'	X'E280B0'
X'F0'	X'F8FF'	X'EFA3BF'
X'F7'	X'02DC'	X'CB9C'
X'F8'	X'00AF'	X'C2AF'
X'F9'	X'02D8'	X'CB98'
X'FA'	X'02D9'	X'CB99'
X'FB'	X'02DA'	X'CB9A'
X'FD'	X'02DD'	X'CB9D'
X'FE'	X'02DB'	X'CB9B'
X'FF'	X'02C7'	X'CB87'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'C1'	X'00A1'	X'C2A1'
X'3F'	X'003F'	X'3F'
X'C0'	X'00BF'	X'C2BF'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'AB'	X'00B4'	X'C2B4'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'F6'	X'02C6'	X'CB86'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'E1'	X'00B7'	X'C2B7'
X'FC'	X'00B8'	X'C2B8'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'A6'	X'00B6'	X'C2B6'
X'A9'	X'00A9'	X'C2A9'
X'A8'	X'00AE'	X'C2AE'
X'40'	X'0040'	X'40'
X'A2'	X'00A2'	X'C2A2'
X'24'	X'0024'	X'24'
X'A3'	X'00A3'	X'C2A3'
X'B4'	X'00A5'	X'C2A5'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'B1'	X'00B1'	X'C2B1'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'C2'	X'00AC'	X'C2AC'
X'7C'	X'007C'	X'7C'
X'A1'	X'00B0'	X'C2B0'
X'B5'	X'00B5'	X'C2B5'
X'CA'	X'00A0'	X'C2A0'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'BB'	X'00AA'	X'C2AA'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'
X'88'	X'00E0'	X'C3A0'
X'CB'	X'00C0'	X'C380'
X'89'	X'00E2'	X'C3A2'
X'E5'	X'00C2'	X'C382'
X'8C'	X'00E5'	X'C3A5'
X'81'	X'00C5'	X'C385'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'8B'	X'00E3'	X'C3A3'
X'CC'	X'00C3'	X'C383'
X'BE'	X'00E6'	X'C3A6'
X'AE'	X'00C6'	X'C386'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'00E7'	X'C3A7'
X'82'	X'00C7'	X'C387'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'8F'	X'00E8'	X'C3A8'
X'E9'	X'00C8'	X'C388'
X'90'	X'00EA'	X'C3AA'
X'E6'	X'00CA'	X'C38A'
X'91'	X'00EB'	X'C3AB'
X'E8'	X'00CB'	X'C38B'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'DB'	X'011F'	X'C49F'
X'DA'	X'011E'	X'C49E'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'DD'	X'0131'	X'C4B1'
X'49'	X'0049'	X'49'
X'69'	X'0069'	X'69'
X'DC'	X'0130'	X'C4B0'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'93'	X'00EC'	X'C3AC'
X'ED'	X'00CC'	X'C38C'
X'94'	X'00EE'	X'C3AE'
X'EB'	X'00CE'	X'C38E'
X'95'	X'00EF'	X'C3AF'
X'EC'	X'00CF'	X'C38F'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'96'	X'00F1'	X'C3B1'
X'84'	X'00D1'	X'C391'
X'6F'	X'006F'	X'6F'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'4F'	X'004F'	X'4F'
X'BC'	X'00BA'	X'C2BA'
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'98'	X'00F2'	X'C3B2'
X'F1'	X'00D2'	X'C392'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'CF'	X'0153'	X'C593'
X'CE'	X'0152'	X'C592'
X'BF'	X'00F8'	X'C3B8'
X'AF'	X'00D8'	X'C398'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'A7'	X'00DF'	X'C39F'
X'DF'	X'015F'	X'C59F'
X'DE'	X'015E'	X'C59E'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'9D'	X'00F9'	X'C3B9'
X'F4'	X'00D9'	X'C399'
X'9E'	X'00FB'	X'C3BB'
X'F3'	X'00DB'	X'C39B'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'

*Table 164. Characters in code page 1281 in ascending sort order and their Unicode equivalents (continued)*

Code page 1281	UCS-2BE	UTF-8
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'D8'	X'00FF'	X'C3BF'
X'D9'	X'0178'	X'C5B8'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'

---

## Code page 1282, Generic (SYSTEM\_1282)

This is the collation table for code page 1282 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1282 collation.

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents*

Code page 1282	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A1'	X'00B0'	X'C2B0'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'2022'	X'E280A2'
X'A6'	X'00B6'	X'C2B6'
X'A8'	X'00AE'	X'C2AE'
X'A9'	X'00A9'	X'C2A9'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B6'	X'2202'	X'E28882'
X'B7'	X'2211'	X'E28891'
X'C2'	X'00AC'	X'C2AC'
X'C3'	X'221A'	X'E2889A'
X'C6'	X'2206'	X'E28886'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'D7'	X'25CA'	X'E2978A'
X'DC'	X'2039'	X'E280B9'
X'DD'	X'203A'	X'E280BA'
X'E2'	X'201A'	X'E2809A'
X'E3'	X'201E'	X'E2809E'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'FF'	X'02C7'	X'CB87'
X'AC'	X'00A8'	X'C2A8'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'D6'	X'00F7'	X'C3B7'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'87'	X'00E1'	X'C3A1'
X'E7'	X'00C1'	X'C381'
X'8A'	X'00E4'	X'C3A4'
X'80'	X'00C4'	X'C384'
X'82'	X'0101'	X'C481'
X'81'	X'0100'	X'C480'
X'88'	X'0105'	X'C485'
X'84'	X'0104'	X'C484'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'8D'	X'0107'	X'C487'
X'8C'	X'0106'	X'C486'
X'8B'	X'010D'	X'C48D'
X'89'	X'010C'	X'C48C'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'93'	X'010F'	X'C48F'
X'91'	X'010E'	X'C48E'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'8E'	X'00E9'	X'C3A9'
X'83'	X'00C9'	X'C389'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'9E'	X'011B'	X'C49B'
X'9D'	X'011A'	X'C49A'
X'98'	X'0117'	X'C497'
X'96'	X'0116'	X'C496'
X'95'	X'0113'	X'C493'
X'94'	X'0112'	X'C492'
X'AB'	X'0119'	X'C499'
X'A2'	X'0118'	X'C498'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'AE'	X'0123'	X'C4A3'
X'FE'	X'0122'	X'C4A2'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'92'	X'00ED'	X'C3AD'
X'EA'	X'00CD'	X'C38D'
X'B4'	X'012B'	X'C4AB'
X'B1'	X'012A'	X'C4AA'
X'B0'	X'012F'	X'C4AF'
X'AF'	X'012E'	X'C4AE'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'FA'	X'0137'	X'C4B7'
X'B5'	X'0136'	X'C4B6'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'BE'	X'013A'	X'C4BA'
X'BD'	X'0139'	X'C4B9'
X'BC'	X'013E'	X'C4BE'
X'BB'	X'013D'	X'C4BD'
X'B8'	X'0142'	X'C582'
X'FC'	X'0141'	X'C581'
X'BA'	X'013C'	X'C4BC'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'B9'	X'013B'	X'C4BB'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'C4'	X'0144'	X'C584'
X'C1'	X'0143'	X'C583'
X'CB'	X'0148'	X'C588'
X'C5'	X'0147'	X'C587'
X'C0'	X'0146'	X'C586'
X'BF'	X'0145'	X'C585'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'97'	X'00F3'	X'C3B3'
X'EE'	X'00D3'	X'C393'
X'99'	X'00F4'	X'C3B4'
X'EF'	X'00D4'	X'C394'
X'9A'	X'00F6'	X'C3B6'
X'85'	X'00D6'	X'C396'
X'CE'	X'0151'	X'C591'
X'CC'	X'0150'	X'C590'
X'9B'	X'00F5'	X'C3B5'
X'CD'	X'00D5'	X'C395'
X'D8'	X'014D'	X'C58D'
X'CF'	X'014C'	X'C58C'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'DA'	X'0155'	X'C595'
X'D9'	X'0154'	X'C594'
X'DE'	X'0159'	X'C599'
X'DB'	X'0158'	X'C598'
X'E0'	X'0157'	X'C597'
X'DF'	X'0156'	X'C596'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'E6'	X'015B'	X'C59B'
X'E5'	X'015A'	X'C59A'
X'E4'	X'0161'	X'C5A1'
X'E1'	X'0160'	X'C5A0'
X'A7'	X'00DF'	X'C39F'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'E9'	X'0165'	X'C5A5'
X'E8'	X'0164'	X'C5A4'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'9C'	X'00FA'	X'C3BA'
X'F2'	X'00DA'	X'C39A'
X'F3'	X'016F'	X'C5AF'
X'F1'	X'016E'	X'C5AE'
X'9F'	X'00FC'	X'C3BC'
X'86'	X'00DC'	X'C39C'
X'F5'	X'0171'	X'C5B1'
X'F4'	X'0170'	X'C5B0'
X'F0'	X'016B'	X'C5AB'
X'ED'	X'016A'	X'C5AA'
X'F7'	X'0173'	X'C5B3'
X'F6'	X'0172'	X'C5B2'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'F9'	X'00FD'	X'C3BD'
X'F8'	X'00DD'	X'C39D'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'90'	X'017A'	X'C5BA'
X'8F'	X'0179'	X'C5B9'
X'EC'	X'017E'	X'C5BE'
X'EB'	X'017D'	X'C5BD'

*Table 165. Characters in code page 1282 in ascending sort order and their Unicode equivalents (continued)*

Code page 1282	UCS-2BE	UTF-8
X'FD'	X'017C'	X'C5BC'
X'FB'	X'017B'	X'C5BB'

---

## Code page 1283, Generic (SYSTEM\_1283)

This is the collation table for code page 1283 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1283 collation.

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents*

Code page 1283	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'7F'	X'007F'	X'7F'
X'20'	X'0020'	X'20'
X'A0'	X'2020'	X'E280A0'
X'A1'	X'00B0'	X'C2B0'
X'A2'	X'00A2'	X'C2A2'
X'A3'	X'00A3'	X'C2A3'
X'A5'	X'2022'	X'E280A2'
X'A6'	X'00B6'	X'C2B6'
X'A8'	X'00AE'	X'C2AE'
X'A9'	X'00A9'	X'C2A9'
X'AA'	X'2122'	X'E284A2'
X'AD'	X'2260'	X'E289A0'
X'B0'	X'221E'	X'E2889E'
X'B1'	X'00B1'	X'C2B1'
X'B2'	X'2264'	X'E289A4'
X'B3'	X'2265'	X'E289A5'
X'B5'	X'00B5'	X'C2B5'
X'B6'	X'2202'	X'E28882'
X'C2'	X'00AC'	X'C2AC'
X'C3'	X'221A'	X'E2889A'
X'C4'	X'0192'	X'C692'
X'C5'	X'2248'	X'E28988'
X'C6'	X'2206'	X'E28886'
X'C7'	X'00AB'	X'C2AB'
X'C8'	X'00BB'	X'C2BB'
X'C9'	X'2026'	X'E280A6'
X'D0'	X'2013'	X'E28093'
X'D1'	X'2014'	X'E28094'
X'D2'	X'201C'	X'E2809C'
X'D3'	X'201D'	X'E2809D'
X'D4'	X'2018'	X'E28098'
X'D5'	X'2019'	X'E28099'
X'D6'	X'00F7'	X'C3B7'
X'D7'	X'201E'	X'E2809E'
X'FF'	X'00A4'	X'C2A4'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'A4'	X'00A7'	X'C2A7'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'DC'	X'2116'	X'E28496'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'CA'	X'00A0'	X'C2A0'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'E0'	X'0430'	X'D0B0'
X'80'	X'0410'	X'D090'
X'E1'	X'0431'	X'D0B1'
X'81'	X'0411'	X'D091'
X'E2'	X'0432'	X'D0B2'
X'82'	X'0412'	X'D092'
X'E3'	X'0433'	X'D0B3'
X'83'	X'0413'	X'D093'
X'E4'	X'0434'	X'D0B4'
X'84'	X'0414'	X'D094'
X'AF'	X'0453'	X'D193'
X'AE'	X'0403'	X'D083'
X'AC'	X'0452'	X'D192'
X'AB'	X'0402'	X'D082'
X'E5'	X'0435'	X'D0B5'
X'85'	X'0415'	X'D095'
X'B9'	X'0454'	X'D194'
X'B8'	X'0404'	X'D084'
X'DE'	X'0451'	X'D191'
X'DD'	X'0401'	X'D081'
X'E6'	X'0436'	X'D0B6'
X'86'	X'0416'	X'D096'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'E7'	X'0437'	X'D0B7'
X'87'	X'0417'	X'D097'
X'CF'	X'0455'	X'D195'
X'C1'	X'0405'	X'D085'
X'E8'	X'0438'	X'D0B8'
X'88'	X'0418'	X'D098'
X'B4'	X'0456'	X'D196'
X'A7'	X'0406'	X'D086'
X'BB'	X'0457'	X'D197'
X'BA'	X'0407'	X'D087'
X'E9'	X'0439'	X'D0B9'
X'89'	X'0419'	X'D099'
X'C0'	X'0458'	X'D198'
X'B7'	X'0408'	X'D088'
X'EA'	X'043A'	X'D0BA'
X'8A'	X'041A'	X'D09A'
X'EB'	X'043B'	X'D0BB'
X'8B'	X'041B'	X'D09B'
X'BD'	X'0459'	X'D199'
X'BC'	X'0409'	X'D089'
X'EC'	X'043C'	X'D0BC'
X'8C'	X'041C'	X'D09C'
X'ED'	X'043D'	X'D0BD'
X'8D'	X'041D'	X'D09D'
X'BF'	X'045A'	X'D19A'
X'BE'	X'040A'	X'D08A'
X'EE'	X'043E'	X'D0BE'
X'8E'	X'041E'	X'D09E'
X'EF'	X'043F'	X'D0BF'
X'8F'	X'041F'	X'D09F'
X'F0'	X'0440'	X'D180'
X'90'	X'0420'	X'D0A0'
X'F1'	X'0441'	X'D181'
X'91'	X'0421'	X'D0A1'
X'F2'	X'0442'	X'D182'
X'92'	X'0422'	X'D0A2'
X'CE'	X'045C'	X'D19C'
X'CD'	X'040C'	X'D08C'
X'CC'	X'045B'	X'D19B'

*Table 166. Characters in code page 1283 in ascending sort order and their Unicode equivalents (continued)*

Code page 1283	UCS-2BE	UTF-8
X'CB'	X'040B'	X'D08B'
X'F3'	X'0443'	X'D183'
X'93'	X'0423'	X'D0A3'
X'D9'	X'045E'	X'D19E'
X'D8'	X'040E'	X'D08E'
X'F4'	X'0444'	X'D184'
X'94'	X'0424'	X'D0A4'
X'F5'	X'0445'	X'D185'
X'95'	X'0425'	X'D0A5'
X'F6'	X'0446'	X'D186'
X'96'	X'0426'	X'D0A6'
X'F7'	X'0447'	X'D187'
X'97'	X'0427'	X'D0A7'
X'DB'	X'045F'	X'D19F'
X'DA'	X'040F'	X'D08F'
X'F8'	X'0448'	X'D188'
X'98'	X'0428'	X'D0A8'
X'F9'	X'0449'	X'D189'
X'99'	X'0429'	X'D0A9'
X'FA'	X'044A'	X'D18A'
X'9A'	X'042A'	X'D0AA'
X'FB'	X'044B'	X'D18B'
X'9B'	X'042B'	X'D0AB'
X'FC'	X'044C'	X'D18C'
X'9C'	X'042C'	X'D0AC'
X'FD'	X'044D'	X'D18D'
X'9D'	X'042D'	X'D0AD'
X'FE'	X'044E'	X'D18E'
X'9E'	X'042E'	X'D0AE'
X'DF'	X'044F'	X'D18F'
X'9F'	X'042F'	X'D0AF'

---

## Code page 1363, Generic (SYSTEM\_1363)

This is the collation table for code page 1363 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1363 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents*

Code page 1363	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'001A'	X'1A'
X'81'	-	-
X'82'	-	-
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-

*Table 167. Characters in code page 1363 in ascending sort order and their Unicode equivalents (continued)*

Code page 1363	UCS-2BE	UTF-8
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 1381, Generic (SYSTEM\_1381)

This is the collation table for code page 1381 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1381 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents*

Code page 1381	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'00A3'	X'C2A3'
X'81'	X'00AC'	X'C2AC'
X'82'	X'00A5'	X'C2A5'
X'83'	X'203E'	X'E280BE'
X'84'	X'00A6'	X'C2A6'
X'85'	X'001A'	X'1A'
X'86'	X'001A'	X'1A'
X'87'	X'001A'	X'1A'
X'88'	X'001A'	X'1A'
X'89'	X'001A'	X'1A'
X'8A'	X'001A'	X'1A'
X'8B'	X'001A'	X'1A'
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-

*Table 168. Characters in code page 1381 in ascending sort order and their Unicode equivalents (continued)*

Code page 1381	UCS-2BE	UTF-8
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 1383, Generic (SYSTEM\_1383)

This is the collation table for code page 1383 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1383 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents*

Code page 1383	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001A'	X'1A'
X'1B'	X'001B'	X'1B'
X'1C'	X'001C'	X'1C'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'007F'	X'7F'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'0080'	X'C280'
X'81'	X'0081'	X'C281'
X'82'	X'0082'	X'C282'

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'83'	X'0083'	X'C283'
X'84'	X'0084'	X'C284'
X'85'	X'0085'	X'C285'
X'86'	X'0086'	X'C286'
X'87'	X'0087'	X'C287'
X'88'	X'0088'	X'C288'
X'89'	X'0089'	X'C289'
X'8A'	X'008A'	X'C28A'
X'8B'	X'008B'	X'C28B'
X'8C'	X'008C'	X'C28C'
X'8D'	X'008D'	X'C28D'
X'8E'	X'001A'	X'1A'
X'8F'	X'001A'	X'1A'
X'90'	X'0090'	X'C290'
X'91'	X'0091'	X'C291'
X'92'	X'0092'	X'C292'
X'93'	X'0093'	X'C293'
X'94'	X'0094'	X'C294'
X'95'	X'0095'	X'C295'
X'96'	X'0096'	X'C296'
X'97'	X'0097'	X'C297'
X'98'	X'0098'	X'C298'
X'99'	X'0099'	X'C299'
X'9A'	X'009A'	X'C29A'
X'9B'	X'009B'	X'C29B'
X'9C'	X'009C'	X'C29C'
X'9D'	X'009D'	X'C29D'
X'9E'	X'009E'	X'C29E'
X'9F'	X'009F'	X'C29F'
X'A0'	X'001A'	X'1A'
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-

*Table 169. Characters in code page 1383 in ascending sort order and their Unicode equivalents (continued)*

Code page 1383	UCS-2BE	UTF-8
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-
X'FF'	X'001A'	X'1A'

---

## Code page 1386, Generic (SYSTEM\_1386)

This is the collation table for code page 1386 databases with SYSTEM collation, and for Unicode databases with SYSTEM\_1386 collation.

If the Unicode equivalent in the UCS-2BE or UTF-8 column is a dash (-), the code point value is an incomplete character without a Unicode equivalent. This occurs if the code point value represents the first byte of a multibyte character.

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents*

Code page 1386	UCS-2BE	UTF-8
X'00'	X'0000'	X'00'
X'01'	X'0001'	X'01'
X'02'	X'0002'	X'02'
X'03'	X'0003'	X'03'
X'04'	X'0004'	X'04'
X'05'	X'0005'	X'05'
X'06'	X'0006'	X'06'
X'07'	X'0007'	X'07'
X'08'	X'0008'	X'08'
X'09'	X'0009'	X'09'
X'0A'	X'000A'	X'0A'
X'0B'	X'000B'	X'0B'
X'0C'	X'000C'	X'0C'
X'0D'	X'000D'	X'0D'
X'0E'	X'000E'	X'0E'
X'0F'	X'000F'	X'0F'
X'10'	X'0010'	X'10'
X'11'	X'0011'	X'11'
X'12'	X'0012'	X'12'
X'13'	X'0013'	X'13'
X'14'	X'0014'	X'14'

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'15'	X'0015'	X'15'
X'16'	X'0016'	X'16'
X'17'	X'0017'	X'17'
X'18'	X'0018'	X'18'
X'19'	X'0019'	X'19'
X'1A'	X'001C'	X'1C'
X'1B'	X'001B'	X'1B'
X'1C'	X'007F'	X'7F'
X'1D'	X'001D'	X'1D'
X'1E'	X'001E'	X'1E'
X'1F'	X'001F'	X'1F'
X'20'	X'0020'	X'20'
X'7F'	X'001A'	X'1A'
X'5F'	X'005F'	X'5F'
X'2D'	X'002D'	X'2D'
X'2C'	X'002C'	X'2C'
X'3B'	X'003B'	X'3B'
X'3A'	X'003A'	X'3A'
X'21'	X'0021'	X'21'
X'3F'	X'003F'	X'3F'
X'2F'	X'002F'	X'2F'
X'2E'	X'002E'	X'2E'
X'60'	X'0060'	X'60'
X'5E'	X'005E'	X'5E'
X'7E'	X'007E'	X'7E'
X'27'	X'0027'	X'27'
X'22'	X'0022'	X'22'
X'28'	X'0028'	X'28'
X'29'	X'0029'	X'29'
X'5B'	X'005B'	X'5B'
X'5D'	X'005D'	X'5D'
X'7B'	X'007B'	X'7B'
X'7D'	X'007D'	X'7D'
X'40'	X'0040'	X'40'
X'24'	X'0024'	X'24'
X'2A'	X'002A'	X'2A'
X'5C'	X'005C'	X'5C'
X'26'	X'0026'	X'26'
X'23'	X'0023'	X'23'

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'25'	X'0025'	X'25'
X'2B'	X'002B'	X'2B'
X'3C'	X'003C'	X'3C'
X'3D'	X'003D'	X'3D'
X'3E'	X'003E'	X'3E'
X'7C'	X'007C'	X'7C'
X'30'	X'0030'	X'30'
X'31'	X'0031'	X'31'
X'32'	X'0032'	X'32'
X'33'	X'0033'	X'33'
X'34'	X'0034'	X'34'
X'35'	X'0035'	X'35'
X'36'	X'0036'	X'36'
X'37'	X'0037'	X'37'
X'38'	X'0038'	X'38'
X'39'	X'0039'	X'39'
X'61'	X'0061'	X'61'
X'41'	X'0041'	X'41'
X'62'	X'0062'	X'62'
X'42'	X'0042'	X'42'
X'63'	X'0063'	X'63'
X'43'	X'0043'	X'43'
X'64'	X'0064'	X'64'
X'44'	X'0044'	X'44'
X'65'	X'0065'	X'65'
X'45'	X'0045'	X'45'
X'66'	X'0066'	X'66'
X'46'	X'0046'	X'46'
X'67'	X'0067'	X'67'
X'47'	X'0047'	X'47'
X'68'	X'0068'	X'68'
X'48'	X'0048'	X'48'
X'69'	X'0069'	X'69'
X'49'	X'0049'	X'49'
X'6A'	X'006A'	X'6A'
X'4A'	X'004A'	X'4A'
X'6B'	X'006B'	X'6B'
X'4B'	X'004B'	X'4B'
X'6C'	X'006C'	X'6C'

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'4C'	X'004C'	X'4C'
X'6D'	X'006D'	X'6D'
X'4D'	X'004D'	X'4D'
X'6E'	X'006E'	X'6E'
X'4E'	X'004E'	X'4E'
X'6F'	X'006F'	X'6F'
X'4F'	X'004F'	X'4F'
X'70'	X'0070'	X'70'
X'50'	X'0050'	X'50'
X'71'	X'0071'	X'71'
X'51'	X'0051'	X'51'
X'72'	X'0072'	X'72'
X'52'	X'0052'	X'52'
X'73'	X'0073'	X'73'
X'53'	X'0053'	X'53'
X'74'	X'0074'	X'74'
X'54'	X'0054'	X'54'
X'75'	X'0075'	X'75'
X'55'	X'0055'	X'55'
X'76'	X'0076'	X'76'
X'56'	X'0056'	X'56'
X'77'	X'0077'	X'77'
X'57'	X'0057'	X'57'
X'78'	X'0078'	X'78'
X'58'	X'0058'	X'58'
X'79'	X'0079'	X'79'
X'59'	X'0059'	X'59'
X'7A'	X'007A'	X'7A'
X'5A'	X'005A'	X'5A'
X'80'	X'20AC'	X'E282AC'
X'81'	-	-
X'82'	-	-
X'83'	-	-
X'84'	-	-
X'85'	-	-
X'86'	-	-
X'87'	-	-
X'88'	-	-
X'89'	-	-

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'8A'	-	-
X'8B'	-	-
X'8C'	-	-
X'8D'	-	-
X'8E'	-	-
X'8F'	-	-
X'90'	-	-
X'91'	-	-
X'92'	-	-
X'93'	-	-
X'94'	-	-
X'95'	-	-
X'96'	-	-
X'97'	-	-
X'98'	-	-
X'99'	-	-
X'9A'	-	-
X'9B'	-	-
X'9C'	-	-
X'9D'	-	-
X'9E'	-	-
X'9F'	-	-
X'A0'	-	-
X'A1'	-	-
X'A2'	-	-
X'A3'	-	-
X'A4'	-	-
X'A5'	-	-
X'A6'	-	-
X'A7'	-	-
X'A8'	-	-
X'A9'	-	-
X'AA'	-	-
X'AB'	-	-
X'AC'	-	-
X'AD'	-	-
X'AE'	-	-
X'AF'	-	-
X'B0'	-	-

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'B1'	-	-
X'B2'	-	-
X'B3'	-	-
X'B4'	-	-
X'B5'	-	-
X'B6'	-	-
X'B7'	-	-
X'B8'	-	-
X'B9'	-	-
X'BA'	-	-
X'BB'	-	-
X'BC'	-	-
X'BD'	-	-
X'BE'	-	-
X'BF'	-	-
X'C0'	-	-
X'C1'	-	-
X'C2'	-	-
X'C3'	-	-
X'C4'	-	-
X'C5'	-	-
X'C6'	-	-
X'C7'	-	-
X'C8'	-	-
X'C9'	-	-
X'CA'	-	-
X'CB'	-	-
X'CC'	-	-
X'CD'	-	-
X'CE'	-	-
X'CF'	-	-
X'D0'	-	-
X'D1'	-	-
X'D2'	-	-
X'D3'	-	-
X'D4'	-	-
X'D5'	-	-
X'D6'	-	-
X'D7'	-	-

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

Code page 1386	UCS-2BE	UTF-8
X'D8'	-	-
X'D9'	-	-
X'DA'	-	-
X'DB'	-	-
X'DC'	-	-
X'DD'	-	-
X'DE'	-	-
X'DF'	-	-
X'E0'	-	-
X'E1'	-	-
X'E2'	-	-
X'E3'	-	-
X'E4'	-	-
X'E5'	-	-
X'E6'	-	-
X'E7'	-	-
X'E8'	-	-
X'E9'	-	-
X'EA'	-	-
X'EB'	-	-
X'EC'	-	-
X'ED'	-	-
X'EE'	-	-
X'EF'	-	-
X'F0'	-	-
X'F1'	-	-
X'F2'	-	-
X'F3'	-	-
X'F4'	-	-
X'F5'	-	-
X'F6'	-	-
X'F7'	-	-
X'F8'	-	-
X'F9'	-	-
X'FA'	-	-
X'FB'	-	-
X'FC'	-	-
X'FD'	-	-
X'FE'	-	-

*Table 170. Characters in code page 1386 in ascending sort order and their Unicode equivalents (continued)*

<b>Code page 1386</b>	<b>UCS-2BE</b>	<b>UTF-8</b>
X'FF'	X'001A'	X'1A'



---

## Appendix B. Overview of the DB2 technical information

DB2 technical information is available through the following tools and methods:

- DB2 Information Center
  - Topics (Task, concept and reference topics)
  - Help for DB2 tools
  - Sample programs
  - Tutorials
- DB2 books
  - PDF files (downloadable)
  - PDF files (from the DB2 PDF DVD)
  - printed books
- Command line help
  - Command help
  - Message help

**Note:** The DB2 Information Center topics are updated more frequently than either the PDF or the hardcopy books. To get the most current information, install the documentation updates as they become available, or refer to the DB2 Information Center at [ibm.com](http://ibm.com).

You can access additional DB2 technical information such as technotes, white papers, and IBM Redbooks® publications online at [ibm.com](http://ibm.com). Access the DB2 Information Management software library site at <http://www.ibm.com/software/data/sw-library/>.

### Documentation feedback

We value your feedback on the DB2 documentation. If you have suggestions for how to improve the DB2 documentation, send an e-mail to [db2docs@ca.ibm.com](mailto:db2docs@ca.ibm.com). The DB2 documentation team reads all of your feedback, but cannot respond to you directly. Provide specific examples wherever possible so that we can better understand your concerns. If you are providing feedback on a specific topic or help file, include the topic title and URL.

Do not use this e-mail address to contact DB2 Customer Support. If you have a DB2 technical issue that the documentation does not resolve, contact your local IBM service center for assistance.

---

## DB2 technical library in hardcopy or PDF format

The following tables describe the DB2 library available from the IBM Publications Center at [www.ibm.com/shop/publications/order](http://www.ibm.com/shop/publications/order). English and translated DB2 Version 9.7 manuals in PDF format can be downloaded from [www.ibm.com/support/docview.wss?rs=71&uid=swg2700947](http://www.ibm.com/support/docview.wss?rs=71&uid=swg2700947).

Although the tables identify books available in print, the books might not be available in your country or region.

The form number increases each time a manual is updated. Ensure that you are reading the most recent version of the manuals, as listed below.

**Note:** The *DB2 Information Center* is updated more frequently than either the PDF or the hard-copy books.

*Table 171. DB2 technical information*

Name	Form Number	Available in print	Last updated
<i>Administrative API Reference</i>	SC27-2435-00	Yes	August, 2009
<i>Administrative Routines and Views</i>	SC27-2436-00	No	August, 2009
<i>Call Level Interface Guide and Reference, Volume 1</i>	SC27-2437-00	Yes	August, 2009
<i>Call Level Interface Guide and Reference, Volume 2</i>	SC27-2438-00	Yes	August, 2009
<i>Command Reference</i>	SC27-2439-00	Yes	August, 2009
<i>Data Movement Utilities Guide and Reference</i>	SC27-2440-00	Yes	August, 2009
<i>Data Recovery and High Availability Guide and Reference</i>	SC27-2441-00	Yes	August, 2009
<i>Database Administration Concepts and Configuration Reference</i>	SC27-2442-00	Yes	August, 2009
<i>Database Monitoring Guide and Reference</i>	SC27-2458-00	Yes	August, 2009
<i>Database Security Guide</i>	SC27-2443-00	Yes	August, 2009
<i>DB2 Text Search Guide</i>	SC27-2459-00	Yes	August, 2009
<i>Developing ADO.NET and OLE DB Applications</i>	SC27-2444-00	Yes	August, 2009
<i>Developing Embedded SQL Applications</i>	SC27-2445-00	Yes	August, 2009
<i>Developing Java Applications</i>	SC27-2446-00	Yes	August, 2009
<i>Developing Perl, PHP, Python, and Ruby on Rails Applications</i>	SC27-2447-00	No	August, 2009
<i>Developing User-defined Routines (SQL and External)</i>	SC27-2448-00	Yes	August, 2009
<i>Getting Started with Database Application Development</i>	GI11-9410-00	Yes	August, 2009
<i>Getting Started with DB2 Installation and Administration on Linux and Windows</i>	GI11-9411-00	Yes	August, 2009

*Table 171. DB2 technical information (continued)*

Name	Form Number	Available in print	Last updated
<i>Globalization Guide</i>	SC27-2449-00	Yes	August, 2009
<i>Installing DB2 Servers</i>	GC27-2455-00	Yes	August, 2009
<i>Installing IBM Data Server Clients</i>	GC27-2454-00	No	August, 2009
<i>Message Reference Volume 1</i>	SC27-2450-00	No	August, 2009
<i>Message Reference Volume 2</i>	SC27-2451-00	No	August, 2009
<i>Net Search Extender Administration and User's Guide</i>	SC27-2469-00	No	August, 2009
<i>Partitioning and Clustering Guide</i>	SC27-2453-00	Yes	August, 2009
<i>pureXML Guide</i>	SC27-2465-00	Yes	August, 2009
<i>Query Patroller Administration and User's Guide</i>	SC27-2467-00	No	August, 2009
<i>Spatial Extender and Geodetic Data Management Feature User's Guide and Reference</i>	SC27-2468-00	No	August, 2009
<i>SQL Procedural Languages: Application Enablement and Support</i>	SC27-2470-00	Yes	August, 2009
<i>SQL Reference, Volume 1</i>	SC27-2456-00	Yes	August, 2009
<i>SQL Reference, Volume 2</i>	SC27-2457-00	Yes	August, 2009
<i>Troubleshooting and Tuning Database Performance</i>	SC27-2461-00	Yes	August, 2009
<i>Upgrading to DB2 Version 9.7</i>	SC27-2452-00	Yes	August, 2009
<i>Visual Explain Tutorial</i>	SC27-2462-00	No	August, 2009
<i>What's New for DB2 Version 9.7</i>	SC27-2463-00	Yes	August, 2009
<i>Workload Manager Guide and Reference</i>	SC27-2464-00	Yes	August, 2009
<i>XQuery Reference</i>	SC27-2466-00	No	August, 2009

*Table 172. DB2 Connect-specific technical information*

Name	Form Number	Available in print	Last updated
<i>Installing and Configuring DB2 Connect Personal Edition</i>	SC27-2432-00	Yes	August, 2009
<i>Installing and Configuring DB2 Connect Servers</i>	SC27-2433-00	Yes	August, 2009

*Table 172. DB2 Connect-specific technical information (continued)*

Name	Form Number	Available in print	Last updated
<i>DB2 Connect User's Guide</i>	SC27-2434-00	Yes	August, 2009

*Table 173. Information Integration technical information*

Name	Form Number	Available in print	Last updated
<i>Information Integration: Administration Guide for Federated Systems</i>	SC19-1020-02	Yes	August, 2009
<i>Information Integration: ASNCLP Program Reference for Replication and Event Publishing</i>	SC19-1018-04	Yes	August, 2009
<i>Information Integration: Configuration Guide for Federated Data Sources</i>	SC19-1034-02	No	August, 2009
<i>Information Integration: SQL Replication Guide and Reference</i>	SC19-1030-02	Yes	August, 2009
<i>Information Integration: Introduction to Replication and Event Publishing</i>	GC19-1028-02	Yes	August, 2009

---

## Ordering printed DB2 books

If you require printed DB2 books, you can buy them online in many but not all countries or regions. You can always order printed DB2 books from your local IBM representative. Keep in mind that some softcopy books on the *DB2 PDF Documentation DVD* are unavailable in print. For example, neither volume of the *DB2 Message Reference* is available as a printed book.

Printed versions of many of the DB2 books available on the DB2 PDF Documentation DVD can be ordered for a fee from IBM. Depending on where you are placing your order from, you may be able to order books online, from the IBM Publications Center. If online ordering is not available in your country or region, you can always order printed DB2 books from your local IBM representative. Note that not all books on the DB2 PDF Documentation DVD are available in print.

**Note:** The most up-to-date and complete DB2 documentation is maintained in the DB2 Information Center at <http://publib.boulder.ibm.com/infocenter/db2luw/v9r7>.

To order printed DB2 books:

- To find out whether you can order printed DB2 books online in your country or region, check the IBM Publications Center at <http://www.ibm.com/shop/publications/order>. You must select a country, region, or language to access publication ordering information and then follow the ordering instructions for your location.
- To order printed DB2 books from your local IBM representative:

1. Locate the contact information for your local representative from one of the following Web sites:
  - The IBM directory of world wide contacts at [www.ibm.com/planetwide](http://www.ibm.com/planetwide)
  - The IBM Publications Web site at <http://www.ibm.com/shop/publications/order>. You will need to select your country, region, or language to the access appropriate publications home page for your location. From this page, follow the "About this site" link.
2. When you call, specify that you want to order a DB2 publication.
3. Provide your representative with the titles and form numbers of the books that you want to order. For titles and form numbers, see "DB2 technical library in hardcopy or PDF format" on page 797.

---

## Displaying SQL state help from the command line processor

DB2 products return an SQLSTATE value for conditions that can be the result of an SQL statement. SQLSTATE help explains the meanings of SQL states and SQL state class codes.

To start SQL state help, open the command line processor and enter:

`? sqlstate` or `? class code`

where `sqlstate` represents a valid five-digit SQL state and `class code` represents the first two digits of the SQL state.

For example, `? 08003` displays help for the 08003 SQL state, and `? 08` displays help for the 08 class code.

---

## Accessing different versions of the DB2 Information Center

For DB2 Version 9.7 topics, the DB2 Information Center URL is  
<http://publib.boulder.ibm.com/infocenter/db2luw/v9r7/>

For DB2 Version 9.5 topics, the DB2 Information Center URL is  
<http://publib.boulder.ibm.com/infocenter/db2luw/v9r5/>

For DB2 Version 9 topics, the DB2 Information Center URL is <http://publib.boulder.ibm.com/infocenter/db2luw/v9/>

For DB2 Version 8 topics, go to the Version 8 Information Center URL at:  
<http://publib.boulder.ibm.com/infocenter/db2luw/v8/>

---

## Displaying topics in your preferred language in the DB2 Information Center

The DB2 Information Center attempts to display topics in the language specified in your browser preferences. If a topic has not been translated into your preferred language, the DB2 Information Center displays the topic in English.

- To display topics in your preferred language in the Internet Explorer browser:
  1. In Internet Explorer, click the **Tools** —> **Internet Options** —> **Languages...** button. The Language Preferences window opens.
  2. Ensure your preferred language is specified as the first entry in the list of languages.
    - To add a new language to the list, click the **Add...** button.

- Note:** Adding a language does not guarantee that the computer has the fonts required to display the topics in the preferred language.
- To move a language to the top of the list, select the language and click the **Move Up** button until the language is first in the list of languages.
  - 3. Clear the browser cache and then refresh the page to display the DB2 Information Center in your preferred language.
  - To display topics in your preferred language in a Firefox or Mozilla browser:
    1. Select the button in the **Languages** section of the **Tools —> Options —> Advanced** dialog. The Languages panel is displayed in the Preferences window.
    2. Ensure your preferred language is specified as the first entry in the list of languages.
      - To add a new language to the list, click the **Add...** button to select a language from the Add Languages window.
      - To move a language to the top of the list, select the language and click the **Move Up** button until the language is first in the list of languages.
    3. Clear the browser cache and then refresh the page to display the DB2 Information Center in your preferred language.

On some browser and operating system combinations, you must also change the regional settings of your operating system to the locale and language of your choice.

---

## Updating the DB2 Information Center installed on your computer or intranet server

A locally installed DB2 Information Center must be updated periodically.

### Before you begin

A DB2 Version 9.7 Information Center must already be installed. For details, see the “Installing the DB2 Information Center using the DB2 Setup wizard” topic in *Installing DB2 Servers*. All prerequisites and restrictions that applied to installing the Information Center also apply to updating the Information Center.

### About this task

An existing DB2 Information Center can be updated automatically or manually:

- Automatic updates - updates existing Information Center features and languages. An additional benefit of automatic updates is that the Information Center is unavailable for a minimal period of time during the update. In addition, automatic updates can be set to run as part of other batch jobs that run periodically.
- Manual updates - should be used when you want to add features or languages during the update process. For example, a local Information Center was originally installed with both English and French languages, and now you want to also install the German language; a manual update will install German, as well as, update the existing Information Center features and languages. However, a manual update requires you to manually stop, update, and restart the Information Center. The Information Center is unavailable during the entire update process.

### Procedure

This topic details the process for automatic updates. For manual update instructions, see the “Manually updating the DB2 Information Center installed on your computer or intranet server” topic.

To automatically update the DB2 Information Center installed on your computer or intranet server:

1. On Linux operating systems,
  - a. Navigate to the path where the Information Center is installed. By default, the DB2 Information Center is installed in the /opt/ibm/db2ic/V9.7 directory.
  - b. Navigate from the installation directory to the doc/bin directory.
  - c. Run the ic-update script:  
`ic-update`
2. On Windows operating systems,
  - a. Open a command window.
  - b. Navigate to the path where the Information Center is installed. By default, the DB2 Information Center is installed in the <Program Files>\IBM\DB2 Information Center\Version 9.7 directory, where <Program Files> represents the location of the Program Files directory.
  - c. Navigate from the installation directory to the doc\bin directory.
  - d. Run the ic-update.bat file:  
`ic-update.bat`

## Results

The DB2 Information Center restarts automatically. If updates were available, the Information Center displays the new and updated topics. If Information Center updates were not available, a message is added to the log. The log file is located in doc\eclipse\configuration directory. The log file name is a randomly generated number. For example, 1239053440785.log.

---

## Manually updating the DB2 Information Center installed on your computer or intranet server

If you have installed the DB2 Information Center locally, you can obtain and install documentation updates from IBM.

Updating your locally-installed DB2 Information Center manually requires that you:

1. Stop the DB2 Information Center on your computer, and restart the Information Center in stand-alone mode. Running the Information Center in stand-alone mode prevents other users on your network from accessing the Information Center, and allows you to apply updates. The Workstation version of the DB2 Information Center always runs in stand-alone mode. .
2. Use the Update feature to see what updates are available. If there are updates that you must install, you can use the Update feature to obtain and install them

**Note:** If your environment requires installing the DB2 Information Center updates on a machine that is not connected to the internet, mirror the update site to a local file system using a machine that is connected to the internet and has the DB2 Information Center installed. If many users on your network will be installing the documentation updates, you can reduce the time required for

individuals to perform the updates by also mirroring the update site locally and creating a proxy for the update site.

If update packages are available, use the Update feature to get the packages. However, the Update feature is only available in stand-alone mode.

3. Stop the stand-alone Information Center, and restart the DB2 Information Center on your computer.

**Note:** On Windows 2008, Windows Vista (and higher), the commands listed later in this section must be run as an administrator. To open a command prompt or graphical tool with full administrator privileges, right-click the shortcut and then select **Run as administrator**.

To update the DB2 Information Center installed on your computer or intranet server:

1. Stop the DB2 Information Center.
  - On Windows, click **Start** → **Control Panel** → **Administrative Tools** → **Services**. Then right-click **DB2 Information Center** service and select **Stop**.
  - On Linux, enter the following command:  
`/etc/init.d/db2icdv97 stop`
2. Start the Information Center in stand-alone mode.
  - On Windows:
    - a. Open a command window.
    - b. Navigate to the path where the Information Center is installed. By default, the DB2 Information Center is installed in the <Program Files>\IBM\DB2 Information Center\Version 9.7 directory, where <Program Files> represents the location of the Program Files directory.
    - c. Navigate from the installation directory to the doc\bin directory.
    - d. Run the help\_start.bat file:  
`help_start.bat`
  - On Linux:
    - a. Navigate to the path where the Information Center is installed. By default, the DB2 Information Center is installed in the /opt/ibm/db2ic/V9.7 directory.
    - b. Navigate from the installation directory to the doc/bin directory.
    - c. Run the help\_start script:  
`help_start`

The systems default Web browser opens to display the stand-alone Information Center.

3. Click the **Update** button (update icon). (JavaScript™ must be enabled in your browser.) On the right panel of the Information Center, click **Find Updates**. A list of updates for existing documentation displays.
4. To initiate the installation process, check the selections you want to install, then click **Install Updates**.
5. After the installation process has completed, click **Finish**.
6. Stop the stand-alone Information Center:
  - On Windows, navigate to the installation directory's doc\bin directory, and run the help\_end.bat file:  
`help_end.bat`

**Note:** The help\_end batch file contains the commands required to safely stop the processes that were started with the help\_start batch file. Do not use Ctrl-C or any other method to stop help\_start.bat.

- On Linux, navigate to the installation directory's doc/bin directory, and run the help\_end script:

```
help_end
```

**Note:** The help\_end script contains the commands required to safely stop the processes that were started with the help\_start script. Do not use any other method to stop the help\_start script.

7. Restart the DB2 Information Center.

- On Windows, click Start → Control Panel → Administrative Tools → Services. Then right-click **DB2 Information Center** service and select **Start**.
- On Linux, enter the following command:  
`/etc/init.d/db2icdv97 start`

The updated DB2 Information Center displays the new and updated topics.

---

## DB2 tutorials

The DB2 tutorials help you learn about various aspects of DB2 products. Lessons provide step-by-step instructions.

### Before you begin

You can view the XHTML version of the tutorial from the Information Center at <http://publib.boulder.ibm.com/infocenter/db2help/>.

Some lessons use sample data or code. See the tutorial for a description of any prerequisites for its specific tasks.

### DB2 tutorials

To view the tutorial, click the title.

#### “pureXML®” in *pureXML Guide*

Set up a DB2 database to store XML data and to perform basic operations with the native XML data store.

#### “Visual Explain” in *Visual Explain Tutorial*

Analyze, optimize, and tune SQL statements for better performance using Visual Explain.

---

## DB2 troubleshooting information

A wide variety of troubleshooting and problem determination information is available to assist you in using DB2 database products.

### DB2 documentation

Troubleshooting information can be found in the *DB2 Troubleshooting Guide* or the Database fundamentals section of the *DB2 Information Center*. There you will find information about how to isolate and identify problems using DB2 diagnostic tools and utilities, solutions to some of the most common problems, and other advice on how to solve problems you might encounter with your DB2 database products.

#### **DB2 Technical Support Web site**

Refer to the DB2 Technical Support Web site if you are experiencing problems and want help finding possible causes and solutions. The Technical Support site has links to the latest DB2 publications, TechNotes, Authorized Program Analysis Reports (APARs or bug fixes), fix packs, and other resources. You can search through this knowledge base to find possible solutions to your problems.

Access the DB2 Technical Support Web site at [http://www.ibm.com/software/data/db2/support/db2\\_9/](http://www.ibm.com/software/data/db2/support/db2_9/)

---

## **Terms and Conditions**

Permissions for the use of these publications is granted subject to the following terms and conditions.

**Personal use:** You may reproduce these Publications for your personal, non commercial use provided that all proprietary notices are preserved. You may not distribute, display or make derivative work of these Publications, or any portion thereof, without the express consent of IBM.

**Commercial use:** You may reproduce, distribute and display these Publications solely within your enterprise provided that all proprietary notices are preserved. You may not make derivative works of these Publications, or reproduce, distribute or display these Publications or any portion thereof outside your enterprise, without the express consent of IBM.

Except as expressly granted in this permission, no other permissions, licenses or rights are granted, either express or implied, to the Publications or any information, data, software or other intellectual property contained therein.

IBM reserves the right to withdraw the permissions granted herein whenever, in its discretion, the use of the Publications is detrimental to its interest or, as determined by IBM, the above instructions are not being properly followed.

You may not download, export or re-export this information except in full compliance with all applicable laws and regulations, including all United States export laws and regulations.

IBM MAKES NO GUARANTEE ABOUT THE CONTENT OF THESE PUBLICATIONS. THE PUBLICATIONS ARE PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE.

---

## Appendix C. Notices

This information was developed for products and services offered in the U.S.A. Information about non-IBM products is based on information available at the time of first publication of this document and is subject to change.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing  
IBM Corporation  
North Castle Drive  
Armonk, NY 10504-1785  
U.S.A.

For license inquiries regarding double-byte character set (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

Intellectual Property Licensing  
Legal and Intellectual Property Law  
IBM Japan, Ltd.  
3-2-12, Roppongi, Minato-ku, Tokyo 106-8711 Japan

**The following paragraph does not apply to the United Kingdom or any other country/region where such provisions are inconsistent with local law:**

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions; therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web

sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information that has been exchanged, should contact:

IBM Canada Limited  
Office of the Lab Director  
8200 Warden Avenue  
Markham, Ontario  
L6G 1C7  
CANADA

Such information may be available, subject to appropriate terms and conditions, including, in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement, or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems, and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements, or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility, or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information may contain examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious, and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

#### COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application

programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. The sample programs are provided "AS IS", without warranty of any kind. IBM shall not be liable for any damages arising out of your use of the sample programs.

Each copy or any portion of these sample programs or any derivative work must include a copyright notice as follows:

© (your company name) (year). Portions of this code are derived from IBM Corp. Sample Programs. © Copyright IBM Corp. *\_enter the year or years\_*. All rights reserved.

## Trademarks

IBM, the IBM logo, and ibm.com® are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

The following terms are trademarks or registered trademarks of other companies

- Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
- Java and all Java-based trademarks and logos are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
- UNIX is a registered trademark of The Open Group in the United States and other countries.
- Intel®, Intel logo, Intel Inside®, Intel Inside logo, Intel® Centrino®, Intel Centrino logo, Celeron®, Intel® Xeon®, Intel SpeedStep®, Itanium®, and Pentium® are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.
- Microsoft, Windows, Windows NT®, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.



---

# Index

## A

application design  
    character conversion considerations 85  
    character conversion in SQL statements 87  
    character conversions in stored procedures 95  
    code points for special characters 87  
    collating sequences  
        guidelines 51  
    double-byte character support (DBCS) 87  
application programs  
    DBCS environment considerations 99

## B

bidirectional CCSID support  
    DB2 Connect 169  
    list of CCSIDs 165  
    scripting 163  
books  
    printed  
        ordering 800

## C

CCSID (coded character set identifier)  
    5026  
        Microsoft conversion table 137  
        Unicode conversion table 136  
    5035  
        Microsoft conversion table 138  
        Unicode conversion table 138  
    5039  
        Microsoft conversion table 140  
        Unicode conversion table 139  
    943  
        considerations 133  
        Microsoft conversion table 135  
        Unicode conversion table 133  
    954  
        Microsoft conversion table 136  
        Unicode conversion table 135  
bidirectional support  
    DB2 Connect 169  
    DB2 database server 163  
    types listed 165  
code pages 83  
character comparison 52  
character conversion  
    coding SQL statements 87  
    coding stored procedures 95, 119  
    effect on application performance 123  
    expansion 117  
    multicultural support 107  
    programming considerations 85  
    string length overflow 119  
    string length overflow past data types 119  
    supported code pages 115  
    Unicode 105  
    when occurs 113  
character sets  
    definition 109  
character strings  
    Unicode 79  
characters  
    conversion 109  
    substitution during code page conversion 115  
Chinese (Traditional) code sets  
    double-byte considerations 121  
    Extended UNIX Code  
        considerations 141  
        conversion considerations 121  
    UCS2  
        considerations 141  
client-based parameter validation 147  
client/server code page conversion 107  
code pages  
    923 and 924 125, 130  
    950 159  
        IBM and Microsoft differences 5  
    AIX 47  
    allocating storage for unequal situations 101  
    attributes 109  
    CCSID numbers 83  
    character conversion 107  
    choosing 3  
    conversion  
        character substitutions 115  
    DB2CODEPAGE registry variable 45  
    definition 109  
    deriving locales 89  
    handling expansion at application 101  
    handling expansion at server 101  
    Linux 47  
    multicultural support 107  
    previous conversion tables  
        converting 1394 to Unicode 140  
        converting Shift JIS X0213 to Unicode 140  
    supported 5  
    supported conversions 115  
    SYSTEM\_1046 511  
    SYSTEM\_1051 518  
    SYSTEM\_1051\_DK 525  
    SYSTEM\_1051\_FI 531  
    SYSTEM\_1051\_IS 538  
    SYSTEM\_1051\_NO 545  
    SYSTEM\_1051\_SE 531  
    SYSTEM\_1089 552  
    SYSTEM\_1124 558  
    SYSTEM\_1125 565  
    SYSTEM\_1129 572  
    SYSTEM\_1131 579  
    SYSTEM\_1163 585  
    SYSTEM\_1167 592  
    SYSTEM\_1168 599  
    SYSTEM\_1250 605  
    SYSTEM\_1251 612  
    SYSTEM\_1252 619  
    SYSTEM\_1252\_DK 626  
    SYSTEM\_1252\_FI 633  
    SYSTEM\_1252\_IS 639

code pages (*continued*)  
  SYSTEM\_1252\_NO 646  
  SYSTEM\_1252\_SE 633  
  SYSTEM\_1253 653  
  SYSTEM\_1254 660  
  SYSTEM\_1255 666  
  SYSTEM\_1256 673  
  SYSTEM\_1257 680  
  SYSTEM\_1257\_EE 687  
  SYSTEM\_1257\_LT 693  
  SYSTEM\_1258 700  
  SYSTEM\_1275 707  
  SYSTEM\_1275\_DK 714  
  SYSTEM\_1275\_FI 720  
  SYSTEM\_1275\_IS 727  
  SYSTEM\_1275\_NO 734  
  SYSTEM\_1275\_SE 720  
  SYSTEM\_1280 741  
  SYSTEM\_1281 747  
  SYSTEM\_1282 754  
  SYSTEM\_1283 761  
  SYSTEM\_1363 767  
  SYSTEM\_1381 774  
  SYSTEM\_1383 781  
  SYSTEM\_1386 788  
  SYSTEM\_437 173  
  SYSTEM\_437\_DK 180  
  SYSTEM\_437\_FI 187  
  SYSTEM\_437\_IS 193  
  SYSTEM\_437\_NO 200  
  SYSTEM\_437\_SE 187  
  SYSTEM\_5039 463  
  SYSTEM\_737 207  
  SYSTEM\_806 214  
  SYSTEM\_813 220  
  SYSTEM\_819 227  
  SYSTEM\_819\_DK 234  
  SYSTEM\_819\_FI 241  
  SYSTEM\_819\_IS 247  
  SYSTEM\_819\_NO 254  
  SYSTEM\_819\_SE 241  
  SYSTEM\_850 261  
  SYSTEM\_850\_DK 268  
  SYSTEM\_850\_FI 275  
  SYSTEM\_850\_IS 281  
  SYSTEM\_850\_NO 288  
  SYSTEM\_850\_SE 275  
  SYSTEM\_852 295  
  SYSTEM\_855 302  
  SYSTEM\_856 308  
  SYSTEM\_857 315  
  SYSTEM\_860 322  
  SYSTEM\_862 328  
  SYSTEM\_863 335  
  SYSTEM\_864 342  
  SYSTEM\_866 349  
  SYSTEM\_869 355  
  SYSTEM\_874 362  
  SYSTEM\_878 369  
  SYSTEM\_912 376  
  SYSTEM\_915 382  
  SYSTEM\_916 389  
  SYSTEM\_920 396  
  SYSTEM\_921 403  
  SYSTEM\_921\_LT 409  
  SYSTEM\_922 416  
  SYSTEM\_923 423

code pages (*continued*)  
  SYSTEM\_923\_DK 430  
  SYSTEM\_923\_FI 436  
  SYSTEM\_923\_IS 247  
  SYSTEM\_923\_NO 443  
  SYSTEM\_923\_SE 436  
  SYSTEM\_932 450  
  SYSTEM\_938 457  
  SYSTEM\_942 463  
  SYSTEM\_943 450  
  SYSTEM\_948 470  
  SYSTEM\_949 477  
  SYSTEM\_950 484  
  SYSTEM\_954 491  
  SYSTEM\_964 497  
  SYSTEM\_970 504  
  unequal 101  
  unequal situations  
    conversion expansion factor 117  
    developing applications 101  
  UNIX 47  
  when character conversion occurs 113  
  Windows code pages 45  
    with euro symbol 126  
code points  
  character conversion 109  
  collating sequences 51  
code sets  
  DB2 supported 5  
  permitted collations 73  
collating sequences  
  character comparisons 52  
  Chinese (Traditional) code sets 145  
  code point 51  
  identity sequence 51  
  Japanese code sets 145  
  multibyte characters 51  
  overview 51  
  Thai characters 70  
  Unicode 77  
collation tables  
  language-aware  
    overview 173  
collations  
  choosing 3  
  IDENTITY  
    example 55  
    overview 55  
  language-aware 57  
    code set and collation combinations 73  
    for Unicode data 73  
    overview 55  
  locale-sensitive 59  
    overview 55  
  SYSTEM  
    code set and collation combinations 73  
    duplicate collation weights 74  
  Thai Industrial Standard 70  
  UCA-based 59  
    overview 55  
  Unicode collation algorithm  
    description 63  
    Thai 70  
CONNECT statement  
  SQLCA.SQLERRD settings 101  
conversions  
  Unicode to CCSID 943 133, 135

## D

data types  
    character conversion overflow 119  
    Extended UNIX Code 151  
    Unicode handling 79  
dates  
    formats by territory code 91  
DB2 Information Center  
    languages 801  
    updating 802, 803  
    versions 801  
    viewing in different languages 801  
DB2CODEPAGE registry variable  
    deriving code page values 45  
DBCLOB data type  
    Chinese (Traditional) code sets 145  
    Japanese code sets 145  
DESCRIBE statement  
    Extended UNIX Code (EUC) consideration 149  
documentation  
    overview 797  
    PDF 797  
    printed 797  
    terms and conditions of use 806  
double-byte character set (DBCS)  
    application programs 99  
    Chinese (Traditional) code sets 141  
        considerations 121  
    code pages 143  
    collation 145  
    Japanese and Traditional Chinese code sets 141  
    Japanese code sets 141  
    unequal code pages 101

## E

encoding schemes  
    character conversion 109  
euro symbol  
    conversion table files 126  
disabling 125  
enabling 125  
Extended UNIX Code (EUC)  
    Chinese (Traditional) code sets  
        overview 141  
        troubleshooting 121  
    client-based parameter validation 147  
    code page conversion issues 101, 119  
    collation 145  
    considerations for mixed environments 143  
    data expansion  
        example 147  
        overview 101  
    DBCLOB files 145  
    DESCRIBE statement 149  
    double-byte code pages 143  
    fixed-length data types 151  
    graphic data 145  
    Japanese  
        code sets 141  
        overview 153  
    mixed code pages 143  
    stored procedures 145  
    UDF (user-defined function) considerations 145  
    variable-length data types 151

## G

graphic constants  
    Chinese (Traditional) code sets 145  
    Japanese code sets 145  
graphic data  
    Chinese (Traditional) code sets 141, 145  
    Japanese code sets 141, 145  
GRAPHIC space 87  
graphic strings  
    character conversion 117  
    Unicode databases 79

## H

help  
    configuring language 801  
    SQL statements 801  
HKSCS data  
    Unicode conversion 161

## I

identity sequence  
    description 51  
ISO  
    10646 standard 141  
    2022 standard 141

## J

Japanese Extended UNIX Code (EUC) code page  
    supported 141  
    Unicode UCS-2 code set representation 141

## L

locales  
    deriving in application programs 89  
    deriving in databases 47  
    names 43

## M

memory  
    allocating  
        unequal code pages 101  
Microsoft conversion table  
    CCSID 5035 138  
    CCSID 5039 140  
    CCSID 954 136  
mixed code page environments  
    package names 97  
multibyte character support  
    code points for special characters 87  
multibyte code pages  
    Chinese (Traditional) code sets 141  
    Japanese code sets 141  
multicultural support  
    bidirectional CCSIDs 165  
    character conversion 107  
    code pages 107  
    overview vii

## N

non-Unicode databases  
    converting to Unicode 81  
notices 807

## O

ordering DB2 books 800

## P

packages  
    names  
        mixed code page environments 97  
problem determination  
    information available 805  
    tutorials 805

## R

REORGANIZE TABLE command  
    mixed code pages 143  
replacing Unicode conversion tables  
    CCSID 5026 137

## S

scalar functions  
    COLLATION\_KEY\_BIT  
        language-aware collations 63  
        UCA-based collations 73  
Shift JIS X0213 code page  
    previous conversion tables 140  
sorting  
    example of language-aware collation 57  
    example with IDENTITY collation 55  
    example with locale-sensitive UCA-based collation 59  
SQL statements  
    CONNECT  
        SQLCA.SQLERRD settings 101  
        displaying help 801  
    SQLCA.SQLERRD settings on CONNECT 101  
SQLERRD(1) 101, 117  
SQLERRD(2) 101, 117  
SQLERRMC field of SQLCA 117  
storage  
    allocation for unequal code pages 101  
stored procedures  
    character conversion 95  
        EUC 119  
        Chinese (Traditional) code sets 145  
        Japanese code sets 145  
strings  
    definition 109  
substring matching  
    example of language-aware collation 57  
    example with IDENTITY collation 55  
    example with locale-sensitive UCA-based collation 59  
surrogate characters  
    Unicode 75, 77

## T

terms and conditions  
    use of publications 806  
territory codes  
    choosing 3  
    supported 5  
Thai characters  
    sorting 70  
troubleshooting  
    online information 805  
    tutorials 805  
tutorials  
    problem determination 805  
    troubleshooting 805  
    Visual Explain 805

## U

UCS-2  
    see Unicode (UCS-2) 75  
Unicode  
    character conversion 105  
    character strings 79  
    graphic strings 79  
Unicode (UCS-2)  
    CCSID 77  
    character conversion overflow 119  
    Chinese (Traditional) code sets 141  
    code page 77  
    conversion tables 135  
    converting code page 1394  
        previous conversion tables 140  
        converting Shift JIS X0213  
            previous conversion tables 140  
    DB2 supported 77  
    Japanese code sets 141  
    surrogate characters 75  
    UDF (user-defined function) considerations 145  
Unicode conversion table  
    CCSID 5026  
        alternative conversion tables 136  
    CCSID 5035  
        alternative conversion tables 138  
    CCSID 5039  
        alternative conversion tables 139  
    CCSID 954  
        alternative conversion tables 135  
updates  
    DB2 Information Center 802, 803  
user-defined functions (UDFs)  
    Chinese (Traditional) code sets 145  
    Japanese code sets 145  
UTF-16 75  
UTF-8 75, 77

## V

Visual Explain  
    tutorial 805

## W

weight  
    collating sequences 51

Windows operating systems  
code pages 45  
DB2CODEPAGE registry variable 45





**IBM**<sup>®</sup>

Printed in USA

SC27-2449-00



Spine information:

IBM DB2 9.7 for Linux, UNIX, and Windows

Globalization Guide  
