Codepages

List of Codepages in Standard ISO 8859 used in R/3

Formal Name	Informal Name	Languages Covered
ISO 8859-1	Latin-1	Western European - Danish, Dutch, English, Faeroes, Finnish, French, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish
ISO 8859-2	Latin-2	Eastern European - Albanian, Czech, English, Hungarian, Polish, Rumanian, Croatian, Slovak, Slovene
ISO 8859-3	Latin-3	Southeastern European - Afrikaans, Catalan, Dutch, English, Esperanto, Maltese
ISO 8859-4	Latin-4	Northern European - Estonian, English, Greenland, Lappish, Latvian, Lithuanian
ISO 8859-5	-	English & Cyrillic-Based - Russian, Serbia, Ukraninium, GUS countries, Bulgarian
ISO 8859-6	-	English & Arabic
ISO 8859-7	-	English & Greek
ISO 8859-8	-	English & Hebrew
ISO 8859-9	Latin-5	English & Turkish

A Appendix

Codepage *Latin-1*

	2	3	4	5	6	7	A	B	C	D	E	F
0	SP	0	@	P	'	o	NBSP	°	À	Ð	à	ð
1	!	1	A	Q	a	q	¡	±	Á	Ñ	á	ñ
2	„	2	B	R	b	r	¢	²	Â	Ò	â	ò
3	#	3	C	S	c	s	£	³	Ã	Ó	ã	ó
4	$	4	D	T	d	t	¤	´	Ä	Ô	ä	ô
5	%	5	E	U	e	u	¥	µ	Å	Õ	å	õ
6	&	6	F	V	f	v	¦	¶	Æ	Ö	æ	ö
7	'	7	G	W	g	w	§	·	Ç	×	ç	÷
8	(	8	H	X	h	x	¨	¸	È	Ø	è	ø
9	)	9	I	Y	i	y	©	¹	É	Ù	é	ù
A	*	:	J	Z	j	z	ª	º	Ê	Ú	ê	ú
B	+	;	K	[	k	{	«	»	Ë	Û	ë	û
C	,	<	L	\	l	|	¬	¼	Ì	Ü	ì	ü
D	-	=	M	]	m	}	SHY	½	Í	Ý	í	ý
E	.	>	N	^	n	~	®	¾	Î	Þ	î	þ
F	/	?	O	_	o	DEL	¯	¿	Ï	ß	ï	ÿ

Double-Byte Codepages

Name	*Language Covered*
EUC (Extended UNIX Codepage)	Japanese
S-JIS (Shifted Japanese Industry Standard)	Japanese
Simple Chinese	Mandarin
Traditional Chinese	Taiwan
Korean	Korean

Supported Codepages in an R/3 Application Server

(State R/3 Release 2.2F and 3.0 A/B)

	AIX (IBM)	Windows NT (Microsoft)	HP-UX (HP)	Digital UNIX (DEC)	Solaris (SUN)	Sinix (SNI)
ISO 8859-1 (Latin 1)	X	X	X	X	X	X
ISO 8859-2 (Latin 2)	X	X	X	X	X	X
ISO 8859-5	X	X	X	X_1	X	X
ISO 8859-7	X	X	X	X	X	
ISO 8859-9 (Lati n 5)	X	X	X	X	X	
Japanese S-JIS	X	X	X	X	X_3	
Simpl. Chinese (Mandarin)	X_2		X			
Korean	X_2		X	X_2		

X_1: from OSF/1 3.0/3.2

X_2: currently tested

X_3: from Solaris 2.6

Supported Codepages in an SAP Frontend

(State R/3 Release 2.2F and 3.0 A/B)

	X-Windows (Motif)	*Windows (Microsoft)*	*Macintosh (Apple)*	*OS/2 (IBM)*
ISO 8859-1 (Latin 1)	X	X	X	X
ISO 8859 -2 (Latin 2)	X_1	X		X_2
ISO 8859-5	X_1	X		X_2
ISO 8859-7	X_1	X		
ISO 8859-9 (Lati n 5)	X_1	X		
Japanese S-JIS	X	X	X	
Simpl. Chinese (Mandarin)	X_3	X_4		
Korean	X_3	X_5		

X_1: The X-Windows SAPGUI has full functionality in release 3.0 A/B

X_2: in preparation (available in 3.0 B)

X_3: currently tested

X_4: English DOS and Simplified Chinese Microsoft 3.1J, Simple Chinese Windows 95

X_5: English DOS and Korean Microsoft 3.1J, Korean Windows 95

Tables and Profile Parameters for Codepages

The following profile parameters must be set and maintained in an installation of a multi-codepage R/3 System. The supported codepages are stored in table **TCP00**. (An SAP transaction is used to maintain this table.) In table **TCP09** the possible codepages for a language are defined. For example, this assignment is checked in the logon process. In table **TCP0B**, the parameters of the NLS command for the supported operating systems and languages are listed. This parameters are used in the background processing.

❑ **saptemu/Codepage** :
Codepage used by the SAP frontend (SAPGUI) for keyboard input. Sets the name of the logical SAP codepage of the frontend. This parameter is only evaluated by a X-Windows frontend. Other R/3 frontends define the logical R/3 frontend codepage in environment variables (SAP_CODEPAGE and PATH_TO_CODEPAGE).

❑ **saptemu/CharSet** :
Codepage used by the SAP frontend (SAPGUI) for terminal output. Defines the codepage and the NLS environment used by the frontend process. This parameter is only evaluated by a X-Windows frontend.

❑ **rdisp/wp_no_vb** :
Number of work processes for (V1) update tasks.

❑ **rdisp/wp_no_vb2** :
Number of work processes for V2 update tasks.

❑ **rdisp/vbname** :
Name of the application server for update tasks. In release 3.0 where the update task dispatching is implemented, this parameter is of less importance.

❑ **rsts/ccc/cachesize** :
The size in byte of the shared memory that is created for translation tables for character codes (character translation buffer). The default size of the memory area is 120000 bytes. If it overflows, the buffer is automatically reorganized. The customer should enlarge the buffer if automatic reorganizations occur repeatedly.

❑ **rsts/ccc/max_sapcode** :
Largest number of an SAP character (defined in table TCP01) in the character translation buffer. The default number is 950.

- **install/codepage/appl_server** :
  Codepage used by the work processes of the application server. The SAP codepage numbers are the allowed values. This parameter must describe the same codepage as parameter abap/locale_ctype.

- **abap/locale_ctype** :
  Codepage used by the application server. This parameter must match the parameter install/codepage/appl_server. However, the parameters have different naming conventions. The operating system names for the codepages are the value set for this parameter.

- **install/codepage/db/transp** :
  This parameter must be set to "multi" to show that the R/3 System is multi-codepage capable.

- **install/codepage/db/non_transp** :
  This parameter must be set to "multi" to show that the R/3 System is multi-codepage capable.

- The codepages of printers and other output devices are defined in table TSP0A. They can be maintained with an SAP transaction.

- The codepage used by a CPI-C or RFC partner is determined at runtime.

For a multi-codepage capable R/3 System, the following profile parameters do not have to be modified normally. But they determine the correct behavior of a multi-codepage capable R/3 System.

- **rdisp/vb_dispatching** :
  Deactivates (value 0) or activates (value 1) the update task dispatching. The default setting is that the dispatching is active. This parameter is new for release 3.0.

- **rdisp/max_vb_server** :
  Maximum number of update task servers that are taken into account in the update task dispatching (default: 50). This parameter is new for release 3.0.

- **rdisp/vb_context** :
  An update task request has a language attribute. If the parameter has value 2 or 3 it is checked whether the update task server has the appropriate codepage. The default value is 3. This parameter is new for release 3.0.

- **rdisp/vb2_context** :
  An update task request has a language attribute. If the parameter has value 2 (default) it is checked whether the update task server of type V2 has the appropriate codepage. This parameter is new for release 3.0.

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Dynamically Configurable Printers with Multi-Codepage Support

- ❑ HP Laserjet 4xx

- ❑ Kyocera with Prescribe2