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National Language Support (NLS) API Reference

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Windows Vista

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NLS Information for Windows 7

LCID Culture Identifier	Culture Name	Locale Language Country/Region	Language	Local language name	ANSI codepage	OEM codepage	Country or Region name abbreviation_*	Language name abbreviation **
0x0036	af	Afrikaans	Afrikaans	Afrikaans	1252	850	ZAF	AFK
0x0436	af-ZA	Afrikaans (South Africa)	Afrikaans	Afrikaans (Suid Afrika)	1252	850	ZAF	AFK
0x001C	sq	Albanian	Albanian	shqipe	1250	852	ALB	SQI
0x041C	sq-AL	Albanian (Albania)	Albanian	shqipe (Shqipëria)	1250	852	ALB	SQI
0x0084	gsw	Alsatian	Alsatian	Elsässisch	1252	850	FRA	GSW
0x0484	gsw-FR	Alsatian (France)	Alsatian	Elsässisch (Frànkrisch)	1252	850	FRA	GSW
0×005E	am	Amharic	Amharic	አማርኛ	0	1	ETH	АМН
0x045E	am-ET	Amharic (Ethiopia)	Amharic	አማርኛ (ኢትዮጵ <i>ያ</i>)	0	1	ETH	АМН
0×0001	ar	Arabic	Arabic	العربية	1256	720	SAU	ARA
0x1401	ar-DZ	Arabic (Algeria)	Arabic	العربية (الجزائر)	1256	720	DZA	ARG
0x3C01	ar-BH	Arabic (Bahrain)	Arabic	العربية (البحرين)	1256	720	BHR	ARH
0x0C01	ar-EG	Arabic (Egypt)	Arabic	العربية (مصر)	1256	720	EGY	ARE
0x0801	ar-IQ	Arabic (Iraq)	Arabic	العربية (العراق)	1256	720	IRQ	ARI
0x2C01	ar-JO	Arabic (Jordan)	Arabic	العربية (الأردن)	1256	720	JOR	ARJ
0x3401	ar-KW	Arabic (Kuwait)	Arabic	العربية (الكويت)	1256	720	KWT	ARK
0x3001	ar-LB	Arabic (Lebanon)	Arabic	العربية (لبنان)	1256	720	LBN	ARB
0x1001	ar-LY	Arabic (Libya)	Arabic	العربية (ليبيا)	1256	720	LBY	ARL
0x1801	ar-MA	Arabic (Morocco)	Arabic	العربية (المملكة المغربية)	1256	720	MAR	ARM
0x2001	ar-OM	Arabic (Oman)	Arabic	العربية (عمان)	1256	720	OMN	ARO
0x4001	ar-QA	Arabic (Qatar)	Arabic	العربية (قطر)	1256	720	QAT	ARQ
0×0401	ar-SA	Arabic (Saudi Arabia)	Arabic	العربية (المملكة العربية السعودية)	1256	720	SAU	ARA
0x2801	ar-SY	Arabic (Syria)	Arabic	العربية (سوريا)	1256	720	SYR	ARS
0x1C01	ar-TN	Arabic (Tunisia)	Arabic	العربية (تونس)	1256	720	TUN	ART
0x3801	ar-AE	Arabic (U.A.E.)	Arabic	العربية (الإمارات العربية المتحدة)	1256	720	ARE	ARU
0x2401	ar-YE	Arabic (Yemen)	Arabic	العربية (اليمن)	1256	720	YEM	ARY
0x002B	hy	Armenian	Armenian	Յայերեն	0	1	ARM	HYE
0x042B	hy-AM	Armenian (Armenia)	Armenian	Յայերեն (Յայաստան)	0	1	ARM	HYE
0x004D	as	Assamese	Assamese	অসমীয়া	0	1	IND	ASM
0x044D	as-IN	Assamese (India)	Assamese	অসমীয়া (ভাৰত)	0	1	IND	ASM
0x002C	az	Azeri	Azeri (Latin)	Azərbaycanılı	1254	857	AZE	AZE
0x742C	az-Cyrl	Azeri (Cyrillic)	Azeri (Cyrillic)	Азәрбајчан дили	1251	866	AZE	AZC
0x082C	az- Cyrl-AZ	Azeri (Cyrillic, Azerbaijan)	Azeri (Cyrillic)	Азәрбајчан (Азәрбајчан)	1251	866	AZE	AZC
0x782C	az-Latn	Azeri (Latin)	Azeri (Latin)	Azərbaycanılı	1254	857	AZE	AZE
0x042C	az- Latn-AZ	Azeri (Latin, Azerbaijan)	Azeri (Latin)	Azərbaycanılı (Azərbaycan)	1254	857	AZE	AZE
0x006D	ba	Bashkir	Bashkir	Башкорт	1251	866	RUS	BAS
0x046D	ba-RU	Bashkir (Russia)	Bashkir	Башкорт (Россия)	1251	866	RUS	BAS

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<u>0x002D</u>	eu	Basque	Basque	euskara	1252	850	ESP	EUQ
<u>0x042D</u>	eu-ES	Basque (Basque)	Basque	euskara (euskara)	1252	850	ESP	EUQ
<u>0x0023</u>	be	Belarusian	Belarusian	Беларускі	1251	866	BLR	BEL
0x0423	be-BY	Belarusian (Belarus)	Belarusian	Беларускі (Беларусь)	1251	866	BLR	BEL
<u>0x0045</u>	bn	Bengali	Bengali	বাংলা	0	1	IND	BNG
<u>0x0845</u>	bn-BD	Bengali (Bangladesh)	Bengali	বাংলা (বাংলাদেশ)	0	1	BGD	BNB
<u>0x0445</u>	bn-IN	Bengali (India)	Bengali	বাংলা (ভারত)	0	1	IND	BNG
<u>0x781A</u>	bs	Bosnian	Bosnian (Latin)	bosanski	1250	852	BIH	BSB
<u>0x641A</u>	bs-Cyrl	Bosnian (Cyrillic)	Bosnian (Cyrillic)	босански (Ћирилица)	1251	855	ВІН	BSC
<u>0x201A</u>	bs- Cyrl-BA	Bosnian (Cyrillic, Bosnia and Herzegovina)	Bosnian (Cyrillic)	босански (Босна и Херцеговина)	1251	855	ВІН	BSC
0x681A	bs-Latn	Bosnian (Latin)	Bosnian (Latin)	bosanski (Latinica)	1250	852	BIH	BSB
<u>0x141A</u>	bs- Latn-BA	Bosnian (Latin, Bosnia and Herzegovina)	Bosnian (Latin)	bosanski (Bosna i Hercegovina)	1250	852	BIH	BSB
<u>0x007E</u>	br	Breton	Breton	brezhoneg	1252	850	FRA	BRE
<u>0x047E</u>	br-FR	Breton (France)	Breton	brezhoneg (Frañs)	1252	850	FRA	BRE
0x0002	bg	Bulgarian	Bulgarian	български	1251	866	BGR	BGR
0×0402	bg-BG	Bulgarian (Bulgaria)	Bulgarian	български (България)	1251	866	BGR	BGR
0x0003	ca	Catalan	Catalan	català	1252	850	ESP	CAT
0x0403	ca-ES	Catalan (Catalan)	Catalan	català (català)	1252	850	ESP	CAT
0x7804	zh	Chinese	Chinese (Simplified)	中文	936	936	CHN	CHS
<u>0x0004</u>	zh- Hans	Chinese (Simplified)	Chinese (Simplified)	中文(简体)	936	936	CHN	CHS
0x0804	zh-CN	Chinese (Simplified, PRC)	Chinese (Simplified)	中文(中华人民共和国)	936	936	CHN	CHS
<u>0x1004</u>	zh-SG	Chinese (Simplified, Singapore)	Chinese (Simplified)	中文(新加坡)	936	936	SGP	ZHI
<u>0×7C04</u>	zh-Hant	Chinese (Traditional)	Chinese (Traditional)	中文(繁體)	950	950	HKG	ZHH
<u>0x0C04</u>	zh-HK	Chinese (Traditional, Hong Kong S.A.R.)	Chinese (Traditional)	中文(香港特別行政區)	950	950	HKG	ZHH
<u>0x1404</u>	zh-MO	Chinese (Traditional, Macao S.A.R.)	Chinese (Traditional)	中文(澳門特別行政區)	950	950	МСО	ZHM
<u>0x0404</u>	zh-TW	Chinese (Traditional, Taiwan)	Chinese (Traditional)	中文(台灣)	950	950	TWN	СНТ
0x0083	со	Corsican	Corsican	Corsu	1252	850	FRA	cos
0x0483	co-FR	Corsican (France)	Corsican	Corsu (France)	1252	850	FRA	cos
<u>0x001A</u>	hr	Croatian	Croatian	hrvatski	1250	852	HRV	HRV
0x041A	hr-HR	Croatian (Croatia)	Croatian	hrvatski (Hrvatska)	1250	852	HRV	HRV
<u>0×101A</u>	hr-BA	Croatian (Latin, Bosnia and Herzegovina)	Croatian (Latin)	hrvatski (Bosna i Hercegovina)	1250	852	ВІН	HRB
<u>0x0005</u>	cs	Czech	Czech	čeština	1250	852	CZE	CSY
<u>0x0405</u>	cs-CZ	Czech (Czech Republic)	Czech	čeština (Česká republika)	1250	852	CZE	CSY
<u>0x0006</u>	da	Danish	Danish	dansk	1252	850	DNK	DAN
<u>0x0406</u>	da-DK	Danish (Denmark)	Danish	dansk (Danmark)	1252	850	DNK	DAN
0x008C	prs	Dari	Dari	در ی	1256	720	AFG	PRS
0x048C	prs-AF	Dari (Afghanistan)	Dari	دری (افغانستان)	1256	720	AFG	PRS
<u>0x0065</u>	dv	Divehi	Divehi	بروره	0	1	MDV	DIV
<u>0x0465</u>	dv-MV	Divehi (Maldives)	Divehi	دِروْرِهُ ﴿ (دِروْرِ عِرَّدُدْ عَ)	0	1	MDV	DIV
<u>0x0013</u>	nl	Dutch	Dutch	Nederlands	1252	850	NLD	NLD
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<u>0x0813</u>	nl-BE	Dutch (Belgium)	Dutch	Nederlands (België)	1252	850	BEL	NLB
<u>0x0413</u>	nl-NL	Dutch (Netherlands)	Dutch	Nederlands (Nederland)	1252	850	NLD	NLD
<u>0x0009</u>	en	English	English	English	1252	437	USA	ENU
<u>0x0C09</u>	en-AU	English (Australia)	English	English (Australia)	1252	850	AUS	ENA
<u>0x2809</u>	en-BZ	English (Belize)	English	English (Belize)	1252	850	BLZ	ENL
<u>0x1009</u>	en-CA	English (Canada)	English	English (Canada)	1252	850	CAN	ENC
<u>0x2409</u>	en-029	English (Caribbean)	English	English (Caribbean)	1252	850	CAR	ENB
<u>0x4009</u>	en-IN	English (India)	English	English (India)	1252	437	IND	ENN
<u>0x1809</u>	en-IE	English (Ireland)	English	English (Ireland)	1252	850	IRL	ENI
<u>0x2009</u>	en-JM	English (Jamaica)	English	English (Jamaica)	1252	850	JAM	ENJ
<u>0x4409</u>	en-MY	English (Malaysia)	English	English (Malaysia)	1252	437	MYS	ENM
<u>0x1409</u>	en-NZ	English (New Zealand)	English	English (New Zealand)	1252	850	NZL	ENZ
<u>0x3409</u>	en-PH	English (Republic of the Philippines)	English	English (Philippines)	1252	437	PHL	ENP
<u>0x4809</u>	en-SG	English (Singapore)	English	English (Singapore)	1252	437	SGP	ENE
<u>0x1C09</u>	en-ZA	English (South Africa)	English	English (South Africa)	1252	437	ZAF	ENS
<u>0x2C09</u>	en-TT	English (Trinidad and Tobago)	English	English (Trinidad y Tobago)	1252	850	πο	ENT
<u>0x0809</u>	en-GB	English (United Kingdom)	English	English (United Kingdom)	1252	850	GBR	ENG
<u>0x0409</u>	en-US	English (United States)	English	English (United States)	1252	437	USA	ENU
<u>0x3009</u>	en-ZW	English (Zimbabwe)	English	English (Zimbabwe)	1252	437	ZWE	ENW
<u>0x0025</u>	et	Estonian	Estonian	eesti	1257	775	EST	ETI
<u>0x0425</u>	et-EE	Estonian (Estonia)	Estonian	eesti (Eesti)	1257	775	EST	ETI
<u>0x0038</u>	fo	Faroese	Faroese	føroyskt	1252	850	FRO	FOS
<u>0x0438</u>	fo-FO	Faroese (Faroe Islands)	Faroese	føroyskt (Føroyar)	1252	850	FRO	FOS
<u>0x0064</u>	fil	Filipino	Filipino	Filipino	1252	437	PHL	FPO
<u>0x0464</u>	fil-PH	Filipino (Philippines)	Filipino	Filipino (Pilipinas)	1252	437	PHL	FPO
<u>0x000B</u>	fi	Finnish	Finnish	suomi	1252	850	FIN	FIN
<u>0x040B</u>	fi-FI	Finnish (Finland)	Finnish	suomi (Suomi)	1252	850	FIN	FIN
<u>0x000C</u>	fr	French	French	français	1252	850	FRA	FRA
<u>0x080C</u>	fr-BE	French (Belgium)	French	français (Belgique)	1252	850	BEL	FRB
<u>0x0C0C</u>	fr-CA	French (Canada)	French	français (Canada)	1252	850	CAN	FRC
<u>0x040C</u>	fr-FR	French (France)	French	français (France)	1252	850	FRA	FRA
<u>0x140C</u>	fr-LU	French (Luxembourg)	French	français (Luxembourg)	1252	850	LUX	FRL
<u>0×180C</u>	fr-MC	French (Monaco)	French	français (Principauté de Monaco)	1252	850	мсо	FRM
<u>0x100C</u>	fr-CH	French (Switzerland)	French	français (Suisse)	1252	850	CHE	FRS
<u>0x0062</u>	fy	Frisian	Frisian	Frysk	1252	850	NLD	FYN
<u>0x0462</u>	fy-NL	Frisian (Netherlands)	Frisian	Frysk (Nederlân)	1252	850	NLD	FYN
<u>0x0056</u>	gl	Galician	Galician	galego	1252	850	ESP	GLC
<u>0x0456</u>	gl-ES	Galician (Galician)	Galician	galego (galego)	1252	850	ESP	GLC
0x0037	ka	Georgian	Georgian	ქართული	0	1	GEO	KAT
<u>0x0437</u>	ka-GE	Georgian (Georgia)	Georgian	ქართული (საქართველო)	0	1	GEO	KAT
<u>0x0007</u>	de	German	German	Deutsch	1252	850	DEU	DEU
<u>0x0C07</u>	de-AT	German (Austria)	German	Deutsch (Österreich)	1252	850	AUT	DEA

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<u>0x0407</u>	de-DE	German (Germany)	German	Deutsch (Deutschland)	1252	850	DEU	DEU
<u>0x1407</u>	de-LI	German (Liechtenstein)	German	Deutsch (Liechtenstein)	1252	850	LIE	DEC
<u>0x1007</u>	de-LU	German (Luxembourg)	German	Deutsch (Luxemburg)	1252	850	LUX	DEL
0x0807	de-CH	German (Switzerland)	German	Deutsch (Schweiz)	1252	850	CHE	DES
0x0008	el	Greek	Greek	Ελληνικά	1253	737	GRC	ELL
0x0408	el-GR	Greek (Greece)	Greek	Ελληνικά (Ελλάδα)	1253	737	GRC	ELL
0x006F	kl	Greenlandic	Greenlandic	kalaallisut	1252	850	GRL	KAL
0x046F	kl-GL	Greenlandic (Greenland)	Greenlandic	kalaallisut (Kalaallit Nunaat)	1252	850	GRL	KAL
0x0047	gu	Gujarati	Gujarati	ગુજરાતી	0	1	IND	GUJ
0x0447	gu-IN	Gujarati (India)	Gujarati	ગુજરાતી (ભારત)	0	1	IND	GUJ
	-		-					
0x0068	ha	Hausa	Hausa (Latin)	Hausa	1252	437	NGA	HAU
<u>0x7C68</u>	ha-Latn	Hausa (Latin)	Hausa (Latin)	Hausa (Latin)	1252	437	NGA	HAU
<u>0x0468</u>	ha- Latn- NG	Hausa (Latin, Nigeria)	Hausa (Latin)	Hausa (Nigeria)	1252	437	NGA	HAU
0x000D	he	Hebrew	Hebrew	עברית	1255	862	ISR	HEB
<u>0x040D</u>	he-IL	Hebrew (Israel)	Hebrew	עברית (ישראל)	1255	862	ISR	HEB
0x0039	hi	Hindi	Hindi	हिंदी	0	1	IND	HIN
0x0439	hi-IN	Hindi (India)	Hindi	हिंदी (भारत)	0	1	IND	HIN
0×000E	hu	Hungarian	Hungarian	magyar	1250	852	HUN	HUN
0x040E	hu-HU	Hungarian (Hungary)	Hungarian	magyar (Magyarország)	1250	852	HUN	HUN
0×000E	ic		Icolandic	(Magyarorszag) Íslenska	1252	850	ISL	ISL
<u>0x000F</u>	is	Icelandic	Icelandic	ISIETISKA	1232	850	ISL	ISL
<u>0x040F</u>	is-IS	Icelandic (Iceland)	Icelandic	íslenska (Ísland)	1252	850	ISL	ISL
<u>0x0070</u>	ig	Igbo	Igbo	Igbo	1252	437	NGA	IBO
<u>0x0470</u>	ig-NG	Igbo (Nigeria)	Igbo	Igbo (Nigeria)	1252	437	NGA	IBO
<u>0x0021</u>	id	Indonesian	Indonesian	Bahasa Indonesia	1252	850	IDN	IND
<u>0x0421</u>	id-ID	Indonesian (Indonesia)	Indonesian	Bahasa Indonesia (Indonesia)	1252	850	IDN	IND
<u>0x005D</u>	iu	Inuktitut	Inuktitut (Latin)	Inuktitut	1252	437	CAN	IUK
<u>0x7C5D</u>	iu-Latn	Inuktitut (Latin)	Inuktitut (Latin)	Inuktitut (Qaliujaaqpait)	1252	437	CAN	IUK
<u>0x085D</u>	iu-Latn- CA	Inuktitut (Latin, Canada)	Inuktitut (Latin)	Inuktitut	1252	437	CAN	IUK
<u>0x785D</u>	iu-Cans	Inuktitut (Syllabics)	Inuktitut (Syllabics)	ΔΔħϽς (ՖσΡϳϟͽ<Δς)	0	1	CAN	IUS
<u>0x045D</u>	iu- Cans- CA	Inuktitut (Syllabics, Canada)	Inuktitut (Syllabics)	Δ ቃ Ω ጋ c (b α C Γ)	0	1	CAN	IUS
<u>0x003C</u>	ga	Irish	Irish	Gaeilge	1252	850	IRL	IRE
<u>0x083C</u>	ga-IE	Irish (Ireland)	Irish	Gaeilge (Éire)	1252	850	IRL	IRE
<u>0x0034</u>	xh	isiXhosa	isiXhosa	isiXhosa	1252	850	ZAF	XHO
0x0434	xh-ZA	isiXhosa (South Africa)	isiXhosa	isiXhosa (uMzantsi Afrika)	1252	850	ZAF	хно
0x0035	zu	isiZulu	isiZulu	isiZulu	1252	850	ZAF	ZUL
0x0435	zu-ZA	isiZulu (South Africa)	isiZulu	isiZulu (iNingizimu Afrika)	1252	850	ZAF	ZUL
0x0010	it	Italian	Italian	italiano	1252	850	ITA	ITA
0x0410	it-IT	Italian (Italy)	Italian	italiano (Italia)	1252	850	ITA	ITA
0x0410 0x0810	it-CH	Italian (Switzerland)	Italian	italiano (Svizzera)	1252	850	CHE	ITS
0×0011	ja	Japanese	Japanese	 日本語	932	932	JPN	JPN
	-	<u>'</u>	·		932	932		
0x0411	ja-JP	Japanese (Japan)	Japanese	日本語 (日本)			JPN	JPN
<u>0x004B</u>	kn	Kannada	Kannada	ಕನ್ನಡ	0	1	IND	KDI
<u>0x044B</u>	kn-IN	Kannada (India)	Kannada	ಕನ್ನಡ (ಭಾರತ)	0	1	IND	KDI
<u>0x003F</u>	kk	Kazakh	Kazakh	Қазақ	0	1	KAZ	KKZ

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<u>0x043F</u>	kk-KZ	Kazakh (Kazakhstan)	Kazakh	Қазақ (Қазақстан)	0	1	KAZ	KKZ
0x0053	km	Khmer	Khmer	ខ្មែរ	0	1	KHM	KHM
0x0453	km-KH	Khmer (Cambodia)	Khmer	ខ្មែរ (កម្ពុជា)	0	1	КНМ	КНМ
0x0086	qut	K'iche	K'iche	K'iche	1252	850	GTM	QUT
<u>0x0486</u>	qut-GT	K'iche (Guatemala)	K'iche	K'iche (Guatemala)	1252	850	GTM	QUT
0x0087	rw	Kinyarwanda	Kinyarwanda	Kinyarwanda	1252	437	RWA	KIN
0x0487	rw-RW	Kinyarwanda (Rwanda)	Kinyarwanda	Kinyarwanda (Rwanda)	1252	437	RWA	KIN
0x0041	sw	Kiswahili	Kiswahili	Kiswahili	1252	437	KEN	SWK
0x0441	sw-KE	Kiswahili (Kenya)	Kiswahili	Kiswahili (Kenya)	1252	437	KEN	SWK
0×0057	kok	Konkani	Konkani	कोंकणी	0	1	IND	KNK
0x0457	kok-IN	Konkani (India)	Konkani	कोंकणी (भारत)	0	1	IND	KNK
0x0012	ko	Korean	Korean	· · · · · · · · · · · · · · · · · · ·	949	949	KOR	KOR
0x0412	ko-KR	Korean (Korea)	Korean	한국어 (대한민국)	949	949	KOR	KOR
0x00412	ky	Kyrgyz	Kyrgyz	Кыргыз	1251	866	KGZ	KYR
		Kyrgyz	Kyrgyz	Кыргыз	1231	800	NG2	NIK
0x0440	ky-KG	(Kyrgyzstan)	Kyrgyz	(Кыргызстан)	1251	866	KGZ	KYR
<u>0x0054</u>	lo	Lao	Lao	ລາວ	0	1	LAO	LAO
<u>0x0454</u>	lo-LA	Lao (Lao P.D.R.)	Lao	ລາວ (ສ.ປ.ປ. ລາວ)	0	1	LAO	LAO
<u>0x0026</u>	lv	Latvian	Latvian	latviešu	1257	775	LVA	LVI
<u>0x0426</u>	lv-LV	Latvian (Latvia)	Latvian	latviešu (Latvija)	1257	775	LVA	LVI
<u>0x0027</u>	lt	Lithuanian	Lithuanian	lietuvių	1257	775	LTU	LTH
<u>0x0427</u>	lt-LT	Lithuanian (Lithuania)	Lithuanian	lietuvių (Lietuva)	1257	775	LTU	LTH
<u>0x7C2E</u>	dsb	Lower Sorbian	Lower Sorbian	dolnoserbšćina	1252	850	GER	DSB
<u>0x082E</u>	dsb-DE	Lower Sorbian (Germany)	Lower Sorbian	dolnoserbšćina (Nimska)	1252	850	GER	DSB
<u>0x006E</u>	lb	Luxembourgish	Luxembourgish	Lëtzebuergesch	1252	850	LUX	LBX
<u>0x046E</u>	lb-LU	Luxembourgish (Luxembourg)	Luxembourgish	Lëtzebuergesch (Luxembourg)	1252	850	LUX	LBX
<u>0</u> ×042F	mk-MK	Macedonian (Former Yugoslav Republic of Macedonia)	Macedonian (FYROM)	македонски јазик (Македонија)	1251	866	MKD	MKI
<u>0x002F</u>	mk	Macedonian (FYROM)	Macedonian (FYROM)	македонски јазик	1251	866	MKD	MKI
<u>0x003E</u>	ms	Malay	Malay	Bahasa Melayu	1252	850	MYS	MSL
<u>0x083E</u>	ms-BN	Malay (Brunei Darussalam)	Malay	Bahasa Melayu (Brunei Darussalam)	1252	850	BRN	MSB
<u>0x043E</u>	ms-MY	Malay (Malaysia)	Malay	Bahasa Melayu (Malaysia)	1252	850	MYS	MSL
0x004C	ml	Malayalam	Malayalam	മലയാളം	0	1	IND	MYM
<u>0x044C</u>	ml-IN	Malayalam (India)	Malayalam	മലയാളം (ഭാരതം)	0	1	IND	МҮМ
0×003A	mt	Maltese	Maltese	Malti	0	1	MLT	MLT
0x043A	mt-MT	Maltese (Malta)	Maltese	Malti (Malta)	0	1	MLT	MLT
0×0081	mi	Maori	Maori	Reo Māori	0	1	NZL	MRI
0x0481	mi-NZ	Maori (New Zealand)	Maori	Reo Māori (Aotearoa)	0	1	NZL	MRI
0×007A	arn	Mapudungun	Mapudungun	Mapudungun	1252	850	CHL	MPD
		Mapudungun		Mapudungun				
0x047A 0x004E	arn-CL mr	(Chile) Marathi	Mapudungun Marathi	(Chile) मराठी	1252	850	IND	MPD
				मराठी (भारत)	0	1		
0x044E	mr-IN	Marathi (India)	Marathi	` ,	-	-	IND	MAR
<u>0x007C</u>	moh	Mohawk	Mohawk	Kanien'kéha	1252	850	CAN	MWK
<u>0x047C</u>	moh- CA	Mohawk (Mohawk)	Mohawk	Kanien'kéha	1252	850	CAN	MWK
<u>0×0050</u>	mn	Mongolian (Cyrillic)	Mongolian (Cyrillic)	Монгол хэл	1251	866	MNG	MNN
<u>0x7850</u>	mn-	Mongolian	Mongolian	Монгол хэл	1251	866	MNG	MNN

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	Cyrl	(Cyrillic)	(Cyrillic)					
0x0450	mn-MN	Mongolian (Cyrillic, Mongolia)	Mongolian (Cyrillic)	Монгол хэл (Монгол улс)	1251	866	MNG	MNN
<u>0x7C50</u>	mn- Mong	Mongolian (Traditional Mongolian)	Mongolian (Traditional Mongolian)	140 January 1947	0	1	CHN	MNG
<u>0x0850</u>	mn- Mong- CN	Mongolian (Traditional Mongolian, PRC)	Mongolian (Traditional Mongolian)	ליישיים היים ליישים ליישים ליישים ליישים	0	1	CHN	MNG
<u>0x0061</u>	ne	Nepali	Nepali	नेपाली	0	1	NEP	NEP
<u>0x0461</u>	ne-NP	Nepali (Nepal)	Nepali	नेपाली (नेपाल)	0	1	NEP	NEP
<u>0x0014</u>	no	Norwegian	Norwegian (Bokmål)	norsk	1252	850	NOR	NOR
0x7C14	nb	Norwegian (Bokmål)	Norwegian (Bokmål)	norsk (bokmål)	1252	850	NOR	NOR
<u>0x7814</u>	nn	Norwegian (Nynorsk)	Norwegian (Nynorsk)	norsk (nynorsk)	1252	850	NOR	NON
<u>0x0414</u>	nb-NO	Norwegian, Bokmål (Norway)	Norwegian (Bokmål)	norsk, bokmål (Norge)	1252	850	NOR	NOR
0×0814	nn-NO	Norwegian, Nynorsk (Norway)	Norwegian (Nynorsk)	norsk, nynorsk (Noreg)	1252	850	NOR	NON
<u>0x0082</u>	ос	Occitan	Occitan	Occitan	1252	850	FRA	OCI
<u>0x0482</u>	oc-FR	Occitan (France)	Occitan	Occitan (França)	1252	850	FRA	OCI
<u>0x0048</u>	or	Oriya	Oriya	ଓଡ଼ିଆ	0	1	IND	ORI
<u>0x0448</u>	or-IN	Oriya (India)	Oriya	ଓଡ଼ିଆ (ଭାରତ)	0	1	IND	ORI
<u>0x0063</u>	ps	Pashto	Pashto	پښتو	0	1	AFG	PAS
<u>0x0463</u>	ps-AF	Pashto (Afghanistan)	Pashto	پښتو (افغانستان)	0	1	AFG	PAS
<u>0x0029</u>	fa	Persian	Persian	فارسی	1256	720	IRN	FAR
<u>0x0429</u>	fa-IR	Persian	Persian	فارسى (ايران)	1256	720	IRN	FAR
0x0015	pl	Polish	Polish	polski	1250	852	POL	PLK
0x0415	pl-PL	Polish (Poland)	Polish	polski (Polska)	1250	852	POL	PLK
<u>0x0016</u>	pt	Portuguese	Portuguese	Português	1252	850	BRA	PTB
<u>0x0416</u>	pt-BR	Portuguese (Brazil) Portuguese	Portuguese	Português (Brasil) português	1252	850	BRA	РТВ
<u>0x0816</u>	pt-PT	(Portugal)	Portuguese	(Portugal)	1252	850	PRT	PTG
<u>0x0046</u>	ра	Punjabi	Punjabi	ਪੰਜਾਬੀ	0	1	IND	PAN
<u>0x0446</u>	pa-IN	Punjabi (India)	Punjabi	ਪੰਜਾਬੀ (ਭਾਰਤ)	0	1	IND	PAN
<u>0x006B</u>	quz	Quechua	Quechua	runasimi	1252	850	BOL	QUB
<u>0x046B</u>	quz-BO	Quechua (Bolivia)	Quechua	runasimi (Qullasuyu)	1252	850	BOL	QUB
<u>0x086B</u>	quz-EC	Quechua (Ecuador)	Quechua	runasimi (Ecuador)	1252	850	ECU	QUE
<u>0x0C6B</u>	quz-PE	Quechua (Peru)	Quechua	runasimi (Piruw)	1252	850	PER	QUP
<u>0x0018</u>	ro	Romanian	Romanian	română	1250	852	ROM	ROM
<u>0x0418</u>	ro-RO	Romanian (Romania)	Romanian	română (România)	1250	852	ROM	ROM
<u>0x0017</u>	rm	Romansh	Romansh	Rumantsch	1252	850	CHE	RMC
<u>0x0417</u>	rm-CH	Romansh (Switzerland)	Romansh	Rumantsch (Svizra)	1252	850	CHE	RMC
<u>0x0019</u>	ru	Russian	Russian	русский	1251	866	RUS	RUS
0x0419	ru-RU	Russian (Russia)	Russian	русский (Россия)	1251	866	RUS	RUS
0x703B	smn	Sami (Iula)	Sami (Iulo)	sämikielâ	1252	850	FIN	SMN
0x7C3B 0x003B	smj	Sami (Lule) Sami (Northern)	Sami (Lule)	julevusámegiella davvisámegiella	1252	850 850	SWE NOR	SMK
		, ,	(Northern)					
<u>0x743B</u>	sms	Sami (Skolt)	Sami (Skolt) Sami	sääm ′k ˇiõll	1252	850	FIN	SMS
<u>0x783B</u>	sma	Sami (Southern)	(Southern)	åarjelsaemiengiele		850	SWE	SMB
<u>0x243B</u>	smn-FI	Sami, Inari (Finland)	Sami (Inari)	sämikielâ (Suomâ)	1252	850	FIN	SMN
<u>0x103B</u>	smj-NO	Sami, Lule	Sami (Lule)	julevusámegiella	1252	850	NOR	SMJ

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		(Norway)		(Vuodna)				
<u>0x143B</u>	smj-SE	Sami, Lule (Sweden)	Sami (Lule)	julevusámegiella (Svierik)	1252	850	SWE	SMK
<u>0x0C3B</u>	se-FI	Sami, Northern (Finland)	Sami (Northern)	davvisámegiella (Suopma)	1252	850	FIN	SMG
<u>0x043B</u>	se-NO	Sami, Northern (Norway)	Sami (Northern)	davvisámegiella (Norga)	1252	850	NOR	SME
<u>0x083B</u>	se-SE	Sami, Northern (Sweden)	Sami (Northern)	davvisámegiella (Ruoŧŧa)	1252	850	SWE	SMF
<u>0x203B</u>	sms-FI	Sami, Skolt (Finland)	Sami (Skolt)	sääm ′k ˇiõll (Lää ′ddjânnam)	1252	850	FIN	SMS
<u>0x183B</u>	sma- NO	Sami, Southern (Norway)	Sami (Southern)	åarjelsaemiengiele (Nöörje)	1252	850	NOR	SMA
<u>0x1C3B</u>	sma-SE	Sami, Southern (Sweden)	Sami (Southern)	åarjelsaemiengiele (Sveerje)	1252	850	SWE	SMB
<u>0x004F</u>	sa	Sanskrit	Sanskrit	संस्कृत	0	1	IND	SAN
0x044F	sa-IN	Sanskrit (India)	Sanskrit	संस्कृत (भारतम्)	0	1	IND	SAN
0x0091	gd	Scottish Gaelic	Scottish Gaelic	Gàidhlig	1252	850	GBR	GLA
0x0491	gd-GB	Scottish Gaelic (United Kingdom)	Scottish Gaelic	Gàidhlig (An Rìoghachd Aonaichte)	1252	850	GBR	GLA
<u>0x7C1A</u>	sr	Serbian	Serbian (Latin)	srpski	1250	852	SRB	SRM
<u>0x6C1A</u>	sr-Cyrl	Serbian (Cyrillic)	Serbian (Cyrillic)	српски (Ћирилица)	1251	855	SRB	SRO
<u>0x1C1A</u>	sr-Cyrl- BA	Serbian (Cyrillic, Bosnia and Herzegovina)	Serbian (Cyrillic)	српски (Босна и Херцеговина)	1251	855	BIH	SRN
<u>0x301A</u>	sr-Cyrl- ME	Serbian (Cyrillic, Montenegro)	Serbian (Cyrillic)	српски (Црна Гора)	1251	855	MNE	SRQ
0×0C1A	sr-Cyrl- CS	Serbian (Cyrillic, Serbia and Montenegro (Former))	Serbian (Cyrillic)	српски (Србија и Црна Гора (Претходно))	1251	855	SCG	SRB
<u>0x281A</u>	sr-Cyrl- RS	Serbian (Cyrillic, Serbia)	Serbian (Cyrillic)	српски (Србија)	1251	855	SRB	SRO
<u>0x701A</u>	sr-Latn	Serbian (Latin)	Serbian (Latin)	srpski (Latinica)	1250	852	SRB	SRM
<u>0x181A</u>	sr-Latn- BA	Serbian (Latin, Bosnia and Herzegovina)	Serbian (Latin)	srpski (Bosna i Hercegovina)	1250	852	ВІН	SRS
0x2C1A	sr-Latn- ME	Serbian (Latin, Montenegro)	Serbian (Latin)	srpski (Crna Gora)	1250	852	MNE	SRP
<u>0×081A</u>	sr-Latn- CS	Serbian (Latin, Serbia and Montenegro (Former))	Serbian (Latin)	srpski (Srbija i Crna Gora (Prethodno))	1250	852	SCG	SRL
<u>0x241A</u>	sr-Latn- RS	Serbian (Latin, Serbia)	Serbian (Latin)	srpski (Srbija)	1250	852	SRB	SRM
0×006C	nso	Sesotho sa Leboa	Sesotho sa Leboa	Sesotho sa Leboa	1252	850	ZAF	NSO
<u>0x046C</u>	nso-ZA	Sesotho sa Leboa (South Africa)	Sesotho sa Leboa	Sesotho sa Leboa (Afrika Borwa)	1252	850	ZAF	NSO
<u>0x0032</u>	tn	Setswana	Setswana	Setswana	1252	850	ZAF	TSN
<u>0x0432</u>	tn-ZA	Setswana (South Africa)	Setswana	Setswana (Aforika Borwa)	1252	850	ZAF	TSN
<u>0x005B</u>	si	Sinhala	Sinhala	සිංහ	0	1	LKA	SIN
<u>0x045B</u>	si-LK	Sinhala (Sri Lanka)	Sinhala	සිංහ (ශුී ලංකා)	0	1	LKA	SIN
<u>0x001B</u>	sk	Slovak	Slovak	slovenčina	1250	852	SVK	SKY
<u>0x041B</u>	sk-SK	Slovak (Slovakia)	Slovak	slovenčina (Slovenská republika)	1250	852	SVK	SKY
<u>0x0024</u>	sl	Slovenian	Slovenian	slovenski	1250	852	SVN	SLV
<u>0x0424</u>	sl-SI	Slovenian (Slovenia)	Slovenian	slovenski (Slovenija)	1250	852	SVN	SLV
<u>0x000A</u>	es	Spanish	Spanish	español	1252	850	ESP	ESN
0x2C0A	es-AR	Spanish (Argentina)	Spanish	Español (Argentina)	1252	850	ARG	ESS
<u>0x400A</u>	es-BO	Spanish (Bolivia)	Spanish	Español (Bolivia)	1252	850	BOL	ESB
<u>0x340A</u>	es-CL	Spanish (Chile)	Spanish	Español (Chile)	1252	850	CHL	ESL
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<u>0x240A</u>	es-CO	Spanish (Colombia)	Spanish	Español (Colombia)	1252	850	COL	ESO
<u>0x140A</u>	es-CR	Spanish (Costa Rica)	Spanish	Español (Costa Rica)	1252	850	CRI	ESC
<u>0×1C0A</u>	es-DO	Spanish (Dominican Republic)	Spanish	Español (República Dominicana)	1252	850	DOM	ESD
<u>0x300A</u>	es-EC	Spanish (Ecuador)	Spanish	Español (Ecuador)	1252	850	ECU	ESF
<u>0x440A</u>	es-SV	Spanish (El Salvador)	Spanish	Español (El Salvador)	1252	850	SLV	ESE
<u>0x100A</u>	es-GT	Spanish (Guatemala)	Spanish	Español (Guatemala)	1252	850	GTM	ESG
<u>0x480A</u>	es-HN	Spanish (Honduras)	Spanish	Español (Honduras)	1252	850	HND	ESH
0x080A	es-MX	Spanish (Mexico)	Spanish	Español (México)	1252	850	MEX	ESM
<u>0x4C0A</u>	es-NI	Spanish (Nicaragua)	Spanish	Español (Nicaragua)	1252	850	NIC	ESI
<u>0x180A</u>	es-PA	Spanish (Panama)	Spanish	Español (Panamá)	1252	850	PAN	ESA
<u>0x3C0A</u>	es-PY	Spanish (Paraguay)	Spanish	Español (Paraguay)	1252	850	PRY	ESZ
<u>0x280A</u>	es-PE	Spanish (Peru)	Spanish	Español (Perú)	1252	850	PER	ESR
<u>0x500A</u>	es-PR	Spanish (Puerto Rico)	Spanish	Español (Puerto Rico)	1252	850	PRI	ESU
0x0C0A	es-ES	Spanish (Spain, International Sort)	Spanish	Español (España, alfabetización internacional)	1252	850	ESP	ESN
<u>0x540A</u>	es-US	Spanish (United States)	Spanish	Español (Estados Unidos)	1252	850	USA	EST
<u>0x380A</u>	es-UY	Spanish (Uruguay)	Spanish	Español (Uruguay)	1252	850	URY	ESY
0×200A	es-VE	Spanish (Venezuela)	Spanish	Español (Republica Bolivariana de Venezuela)	1252	850	VEN	ESV
<u>0x001D</u>	sv	Swedish	Swedish	svenska	1252	850	SWE	SVE
<u>0x081D</u>	sv-FI	Swedish (Finland)	Swedish	svenska (Finland)	1252	850	FIN	SVF
<u>0x041D</u>	sv-SE	Swedish (Sweden)	Swedish	svenska (Sverige)	1252	850	SWE	SVE
<u>0x005A</u>	syr	Syriac	Syriac	حدا مه	0	1	SYR	SYR
0x045A	syr-SY	Syriac (Syria)	Syriac	صەنىكە (سوريا)	0	1	SYR	SYR
0x0028	tg	Tajik (Cyrillic)	Tajik (Cyrillic)	Точикӣ	1251	866	TAJ	TAJ
0x7C28	tg-Cyrl	Tajik (Cyrillic)	Tajik (Cyrillic)	Точикй	1251	866	TAJ	TAJ
<u>0x0428</u>	tg-Cyrl- TJ	Tajik (Cyrillic, Tajikistan)	Tajik (Cyrillic)	Точикй (Точикистон)	1251	866	TAJ	TAJ
0x005F	tzm	Tamazight	Tamazight (Latin)	Tamazight	1252	850	DZA	TZM
<u>0x7C5F</u>	tzm- Latn	Tamazight (Latin)	Tamazight (Latin)	Tamazight (Latin)	1252	850	DZA	TZM
<u>0x085F</u>	tzm- Latn-DZ	Tamazight (Latin, Algeria)	Tamazight (Latin)	Tamazight (Djazaïr)	1252	850	DZA	TZM
<u>0x0049</u>	ta	Tamil	Tamil	தமிழ்	0	1	IND	ТАМ
<u>0x0449</u>	ta-IN	Tamil (India)	Tamil	தமிழ் (இந்தியா)	0	1	IND	ТАМ
0x0044	tt	Tatar	Tatar	Татар	1251	866	RUS	ПТ
0x0444	tt-RU	Tatar (Russia)	Tatar	Татар (Россия)	1251	866	RUS	ПТ
0×004A	te	Telugu	Telugu	මෙවාරා මෙවාරා	0	1	IND	TEL
0x044A	te-IN	Telugu (India)	Telugu	ತಲುಗು (ಭಾರತ ದೆಸಂ)	0	1	IND	TEL
0x001E	th	Thai	Thai	ไทย	874	874	THA	THA
0x041E	th-TH	Thai (Thailand)	Thai	ไทย (ไทย)	874	874	THA	THA
0x0051	bo	Tibetan	Tibetan	र्यन-धेव	0	1	CHN	ВОВ
0x0451	bo-CN	Tibetan (PRC)	Tibetan	च्र-लुव (ग्र२.ब्र४४८४१३).बह्य.	0	1	CHN	ВОВ
		, ,	1	₽a.la2)				
0.001-		T 11.7	T 11.1	T" 1	1051	057	TUD	TDI
0x001F	tr	Turkish (Turkey)	Turkish	Türkçe	1254	857	TUR	TRK
0x001F 0x041F 0x0042	tr tr-TR tk	Turkish Turkish (Turkey) Turkmen	Turkish Turkish Turkmen	Türkçe Türkçe (Türkiye) türkmençe	1254 1254 1250	857 857 852	TUR TUR TKM	TRK TRK TUK

<u>0x0442</u>	tk-TM	Turkmen (Turkmenistan)	Turkmen	türkmençe (Türkmenistan)	1250	852	ТКМ	тик
0x0022	uk	Ukrainian	Ukrainian	українська	1251	866	UKR	UKR
0x0422	uk-UA	Ukrainian (Ukraine)	Ukrainian	українська (Україна)	1251	866	UKR	UKR
<u>0x002E</u>	hsb	Upper Sorbian	Upper Sorbian	hornjoserbšćina	1252	850	GER	HSB
<u>0x042E</u>	hsb-DE	Upper Sorbian (Germany)	Upper Sorbian	hornjoserbšćina (Němska)	1252	850	GER	HSB
<u>0x0020</u>	ur	Urdu	Urdu	أردو	1256	720	PAK	URD
<u>0x0420</u>	ur-PK	Urdu (Islamic Republic of Pakistan)	Urdu	أردو (پاکستان)	1256	720	PAK	URD
0x0080	ug	Uyghur	Uyghur	ئۇيغۇر يېزىقى	1256	720	CHN	UIG
<u>0x0480</u>	ug-CN	Uyghur (PRC)	Uyghur	ئۇيغۇر يېزىقى (جۇڭخۇا) خەلق جۇمھۇرىيىتى	1256	720	CHN	UIG
<u>0x7843</u>	uz-Cyrl	Uzbek (Cyrillic)	Uzbek (Cyrillic)	Ўзбек	1251	866	UZB	UZB
0x0843	uz- Cyrl-UZ	Uzbek (Cyrillic, Uzbekistan)	Uzbek (Cyrillic)	Ўзбек (Ўзбекистон)	1251	866	UZB	UZB
0x0043	uz	Uzbek (Latin)	Uzbek (Latin)	U'zbek	1254	857	UZB	UZB
0x7C43	uz-Latn	Uzbek (Latin)	Uzbek (Latin)	U'zbek	1254	857	UZB	UZB
<u>0x0443</u>	uz- Latn-UZ	Uzbek (Latin, Uzbekistan)	Uzbek (Latin)	U'zbek (U'zbekiston Respublikasi)	1254	857	UZB	UZB
<u>0x002A</u>	vi	Vietnamese	Vietnamese	Tiếng Việt	1258	1258	VNM	VIT
<u>0</u> x042A	vi-VN	Vietnamese (Vietnam)	Vietnamese	Tiếng Việt (Việt Nam)	1258	1258	VNM	VIT
0x0052	су	Welsh	Welsh	Cymraeg	1252	850	GBR	CYM
<u>0x0452</u>	cy-GB	Welsh (United Kingdom)	Welsh	Cymraeg (y Deyrnas Unedig)	1252	850	GBR	СҮМ
0x0088	wo	Wolof	Wolof	Wolof	1252	850	SEN	WOL
0x0488	wo-SN	Wolof (Senegal)	Wolof	Wolof (Sénégal)	1252	850	SEN	WOL
0x0085	sah	Yakut	Yakut	caxa	1251	866	RUS	SAH
0x0485	sah-RU	Yakut (Russia)	Yakut	саха (Россия)	1251	866	RUS	SAH
<u>0x0078</u>	ii	Yi	Yi	1 H M O	0	1	CHN	III
<u>0x0478</u>	ii-CN	Yi (PRC)	Yi	11 11 11 11 11 11 11 11 11 11 11 11 11	0	1	CHN	III
<u>0x006A</u>	yo	Yoruba	Yoruba	Yoruba	1252	437	NGA	YOR
0x046A	yo-NG	Yoruba (Nigeria)	Yoruba	Yoruba (Nigeria)	1252	437	NGA	YOR

^{*} Abbreviated name of the country or region. This information can be retrieved by a call to the GetLocaleInfo() API with LCTYPE set to SABBREVCTRYNAME.

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About NLSWeb

How NLSWeb tool was written

NLSWeb originated as a reference tool for testers. When an application is tested to comply to local conventions (defined by user locale), may be handy to have a perfect sample. The etalon can be found by reading the NLS settings from the operating system NLS API. But the most complete information is available under Windows 2000 only - while it may be required when tests are running on Windows 95/98 or Windows Me.

The solution was found: collect the information on a Windows 2000 server and display it to everybody interested through a Web page. No data is collected on the client: perfect NLS information is not related on the platform where the test is run. On the server side, on the other hand, a lot of work has to be done. An ASP page was written.

The information about NLS support is collected at run time, showing the most current status of NLS data on the server. Win32 NLS API is broader then NLS support of VBScript or JavaScript; to get access to those functions, the ASP calls a server-side ATL control. This control calls NLS API when an application is started on the server. When the server running NLSWeb is updated with OS having broader language support the users get the updated information automatically.

NLS data fits well into tree structure of XML; this format leaves room for future expansion if NLS API grows; it is easily built and formatted. The drawback of XML format - it is not supported by all browsers, and those supporting it may be limited in formatting capabilities. That's why NLSWeb receives XML data from the ATL control, formats it using XSL filters, and sends HTML data to the client.

Normally, language-specific information is required for one language at a time; ATL control running on our page collects information for all languages. To keep the user from drawning in all that data, while providing an easy way to access any language information,

^{**} Abbreviated name of the language. This information can be retrieved by a call to the GetLocaleInfo() API with LCTYPE set to SABBREVLANGNAME .

the ASP used two XSL filters. First - the default one - formats the start page, showing a list of locales that server supports. The second, single-language filter, formats a language-specific page; it receives a single - language subset of the XML data that ATL.

The data sent is multi-lingual and encoded in UTF-8. Certain problems may show up when multi-lingual data is displayed on non-multilingual platforms. To resolve some of those problems, a Unicode font was created from Sylfaen font supplied with Microsoft Windows 2000. This font is embedded into the output HTML, so that you see less "default glyphs" (result of system's failure to find a symbol to display text) in the output. However, this solution works only with Microsoft Internet Explorer 4.0 or better. For more information on this technique and for the tool that generates Web fonts, check the link: http://www.microsoft.com/typography/web/embedding/weft3/default.htm.

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