

XTD - 11 : User Agent Field



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XTD Document Version History

Version	Date	Author	Description
1.0	2001-11-23	Park.J.Y	Created.
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1. User Agent Field

User Agent Field SK-VM 1.0 SK-VM 1.0.1 .

1.1 SK-VM 1.0

X-137, X-350 가 .

SK-VM MSD, JAR HTTP/1.1 .
HTTP 1.1 User Agent Field

- H/W : , , (,)
- S/W : , SK-VM , MIN
- : SKT, STI, KTF, LGT, HSP

User Agent Field .

AAABCDXXXXXXHHHHIIJJKKYZMMMMMMMM

Field byte Base64 Table 7Bit ASCII Mapping
. CP User Agent Field JAR MSD

Type	(KEY)	/	
AAA	(m.CARRIER)	: SKT,STI,KTF,HSP,LGT	
B	(m.TYPE)	Cell Phone(1), PDA(2), Smart Phone(3), RFU (4~9)	
C	(m.VENDER)	SS : 0x01, HD : 0x02, LG : 0x03, SK : 0x04, HH : 0x05, MT : 0x06,	Max : 0x3f

		NO : 0x07	
D	(m.MODEL)	() SS A8500 : 0x04, A8800 : 0x05 LG WAPi : 0x03, AUTO : 0x04 HD HGC-R202 : 0x01 SK IM-2000 : 0x04 MT V8260 : 0x01	가. , 가 가 Max : 0x3f
XXXXXX	1st X : Configuration Profile (m_CONF_PROFILE)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4 : Configuration b3b2 : Profile b1b0 : RFU bit b5b4 : 01 : CDC 10 : CLDC 11 : M-Configuration CDC b3b2 : 01 : Foundation Profile CLDC M-Configuration b3b2 : 01 : MIDP 11 : M-Profile () SK-VM 1.x , 00111100 (0x3C Base64 '8')	Base64 encoding Default RFU value : 0
	2nd X : Configuration Version (m.CONF_VER)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4b3 : Configuration Major Version b2b1b0 : Configuration Minor Version () SK-VM 1.x M- Configuration 1.0 , 00001000 (0x08, Base64 'I')	

	3rd X : ProfileVersion1 (m.PROFILE_VER1)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4b3 : Profile Major Version b2b1b0 : Profile Minor Version () SK-VM 1.x M- Profile 1.0 , 00001000 (0x08, Base64 'I')	
	4th X : ProfileVersion2 (m.PROFILE_VER2)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4b3 : Profile Major Version b2b1b0 : Profile Minor Version () SK-VM 1.x Profile . Initial Value , 00000000 (0x00, Base64 'A')	
	5th X : SKT APIversion (m.SKT_API)	b7b6 : 00 b5b4b3 : SKT API Major Version b2b1b0 : SKT API Minor Version () SK-VM 1.x SKT API 1.0 00001000 (0x08, Base64 'I')	
	6th X : Version (m.APP_MANAGER)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4b3 : Major version b2b1b0 : Minor version () SK-VM 1.x 1.0 00001000 (0X08, base64 'I')	
HHHIII	가 X (Pixel) (m.LCD_PIXEL)	() 128x112 (128112)	MAX : 999999
JJKK	가 X (Font) (m.LCD_FONT)	() 16 4 (1604)	MAX : 9999

Y	Sound Poly (m.SOUND_POLY)	b7b6b5b4b3b2b1b0 b7b6 : 00 b5b4 : H/W Chip Solution b3b2 : S/W Solution b1b0 : RFU bit b5b4 : 01 : YAMAHA(4poly) 10 : YAMAHA(16poly) 11 : RFU b3b2 : 01 : 1tone 10 : QUALCOMM(16poly) 11 : RFU	Sound PolyBase64 encoding Default RFU value : 0
Z	Color (m.COLOR)	2 Color(1), 4 Color(2), 16 Color(3), 256 Color (4), (5)..(9) : M-Media SVC Default Value : 1 (B/W LCD)	LCD Color
MMMMMM MM	MIN (m.MIN)	() 05671234, 99110101	

(- Base64 Table)

Value	Encoding	Value	Encoding	Value	Encoding	Value	Encoding
0(0x00)	A	17(0x11)	R	34(0x22)	i	51(0x33)	z
1(0x01)	B	18(0x12)	S	35(0x23)	j	52(0x34)	0
2(0x02)	C	19(0x13)	T	36(0x24)	k	53(0x35)	1
3(0x03)	D	20(0x14)	U	37(0x25)	l	54(0x36)	2
4(0x04)	E	21(0x15)	V	38(0x26)	m	55(0x37)	3
5(0x05)	F	22(0x16)	W	39(0x27)	n	56(0x38)	4
6(0x06)	G	23(0x17)	X	40(0x28)	o	57(0x39)	5
7(0x07)	H	24(0x18)	Y	41(0x29)	p	58(0x3a)	6
8(0x08)	I	25(0x19)	Z	42(0x2a)	q	59(0x3b)	7
9(0x09)	J	26(0x1a)	a	43(0x2b)	r	60(0x3c)	8

10(0x0a)	K	27(0x1b)	b	44(0x2c)	s	61(0x3d)	9
11(0x0b)	L	28(0x1c)	c	45(0x2d)	t	62(0x3e)	+
12(0x0c)	M	29(0x1d)	d	46(0x2e)	u	63(0x3f)	/
13(0x0d)	N	30(0x1e)	e	47(0x2f)	v		
14(0x0e)	O	31(0x1f)	f	48(0x30)	w		
15(0x0f)	P	32(0x20)	g	49(0x31)	x		
16(0x10)	Q	33(0x21)	h	50(0x32)	y		

1.2 SK-VM 1.0.1

HTTP 1.1 Protocol Header User Agent Field

- .
- H/W : , , (,)
 - S/W : , SK-VM , MIN
 - : SKT, STI, KTF, LGT, HSP

User Agent Field

.

AAABCCDDEEEFFGGGHHIIJJKLLLLMNNNNNNNNN

ex> SKT2SS2043201000012014918082304nnnnnnnnn

Type	(KEY)	/	
AAA	(m.CARRIER))	: SKT,STI,KTF,HSP,LGT	
B	(m.TYPE)	IS-95A Cell phone(1) IS-95C Cell Phone(2), PDA(3), Smart Phone(4), RFU (4~9)	
CC	(m.VENDER)	: SS, : HD, : LG, SK : SK, : MT : HH, : NO	
DD		() SS X100 : 01, X-137 : A1 SK IM1000 : 01	: 99

	(m.MODEL)	LG D520 : 01	
EEEEFFGGG	Configuration Profile (m_CONF_PROFILE)	E1E2E3E4 E1 : Configuration Type 0 : Not used 1 : SE 2 : ME (CDC) 3 : ME (CLDC) 4 : ME (M_Configuration) E2E3E4: Profile Type 0 : Not used 1 : MIDP 2 : M_Profile 3 : SKT_PROFILE 4 : FOUNDATION PROFILE 5 : PDA PROFILE () SK-VM 1.0 M_Configuration 1.0, M_Profile 1.0, SKT_API 1.0 . ("4230")	m.CONF_VER m.PROFILE_VER1/2 . m.SKT_API m.APP_MANAGER . 가 S/W 가 (m.EXT_SW) SK-VM 가. (m.SK_VM)
	SK-VM (m.SK_VM)	F1F2 F1 : SK-VM Major Version F2: SK-VM Minor Version () SK-VM 1.0 . ("10")	
	가 S/W (m.EXT_SW)	G1G2G2 : 가 S/W 0 : Not used 1: Security 2: CBS	
HHHIII	가 X (Pixel) (m.LCD_PIXEL)	() 128 X 112 (128112)	MAX : 999 X 999
JJKK	가 X (Font) (m.LCD_FONT)	() 16 4 (1604)	MAX : 99 X 99
LLL	(m.SOUND_POLY)	L1 : YAMAHA 0 : No 1 : MA1(4 poly)	

		2 : MA2(16 poly) L2: 0 : No 1 : Qualcomm 4 poly 2 : Qualcomm 16 poly 3 : EVRC 4 : MP3 5 : L3 : Reserved	
M	Color (m.COLOR)	0 : Not used 1 : 2 Color (B/W LCD) 2 : 4 Color 3 : 16 Color 4 : 256 Color 5 : 4096 Color 6 : 32K 7 : 65K	LCD Color
NNNNNNNN	MIN (m.MIN)	() 05671234, 99110101	

1.3 User Agent Field

SK-VM (m.SK_VM)	γ S/W (m.EXT_SW) [:1] [wavelet : 2]	LCD size (m.LCD_PIXEL)	(m.LCD_FONT)	(m.SOUND_ POLY) [buzzer : 1] [EVRC : 2] [MA2 : 4] [MA3 : 5]	LCD Color (m.COLOR) [2 color : 1] [4 color : 2] [256 C : 4] [4096C : 5]	[/]
	BBQ8IIAII	128112 (128128)	1008	gc	gc	SKT
	BBQ8IIAII	128112 (128128)	1008	gc	gc	STI
10	000	120149 (120160)	1008	124	4	SKT
10	000	120149 (120160)	1008	124	4	SKT
10	000	128144 (128160)	1008	240	2	SKT
10	000	128112 (128128)	1008	124	2	SKT
10	000	128112 (128128)	1008	024	2	SKT
11	400	128146 (120160)	2010	125	5	SKT

		(m.CARRIER) [SKT / STI]	(m.TYPE) [95A :1] [95C : 2]	(m. VENDER)	(m.MODEL)	Conf/Profile (m.CONF_PROFILE)
	SCH - X350	SKT				
	SCH - X137	SKT/STI				
	SCH - X230	SKT/STI	2	SS	20	4230
	SCH - X250	SKT/STI	2	SS	21	4230
	SCH - X400	SKT/STI	2	SS	23	4230
	SCH - X460	SKT/STI	2	SS	27	4230
	SCH - X150	SKT/STI	2	SS	25/26	4230
	SCH - X290	SKT/STI	2	SS	29	4230