

## FreeNAS - Feature #25392

### Add CP1252 to DOS charset choices

08/01/2017 10:22 AM - Florian Kühne

<b>Status:</b> Resolved	<b>Estimated time:</b> 0.00 hour
<b>Priority:</b> Expected	
<b>Assignee:</b> Timur Bakeyev	
<b>Category:</b> GUI (new)	
<b>Target version:</b> 11.1-BETA1	
<b>Severity:</b> New	<b>Needs Merging:</b> Yes
<b>Reason for Closing:</b>	<b>Needs Automation:</b> No
<b>Reason for Blocked:</b>	<b>Support Suite Ticket:</b> n/a
<b>Needs QA:</b> No	<b>Hardware Configuration:</b>
<b>Needs Doc:</b> Yes	

**Description**

Hello,

in the UI there is no selection for cp 1252 available. I changed it manually in the smb4.config file and everything worked fine, so maybe someone just add this to the selection ? It is a little bit annoying because the change gets lost after some variation in smb config from gui.

#### History

##### #1 - 08/01/2017 10:28 AM - Dru Lavigne

- Assignee changed from Release Council to John Hixson

John: is this something we should add?

##### #2 - 08/01/2017 11:36 AM - John Hixson

- Assignee changed from John Hixson to Timur Bakeyev

Dru Lavigne wrote:

John: is this something we should add?

Yup. I also think that rather than hard coding the dos and unix charsets, we should populate them using iconv I. Timur, this looks like something you can cut your teeth on-)

##### #3 - 08/01/2017 11:39 AM - Dru Lavigne

- Target version changed from 11.0-U2 to 11.0-U3

Timur: setting to a future target. Feel free to punt further if needed.

**#4 - 08/05/2017 02:13 AM - Timur Bakeyev**

- Status changed from Unscreened to Screened

I thought I've updated this ticket, but seems smh. went wrong...

As a short term solution I want to add CP1252 and, possibly, few other popular codepages to the GUI.

Longterm solution would be to use combo-box with the predefined list of popular codepages and ability to put your own. Input should be validated against output of iconv -l. The reason not to use dropdown menu directly is that iconv recognizes 216 codepages. Some of them are aliases, I guess, but still there are too many for the menu.

ARMSCII-7 AST166-7 AST\_34.005  
ARMSCII-8 AST166-8 AST\_34.002 ARMSCII-8A AST166-A AST\_34.002\_A  
ATARIST ATARI  
BIG5-2003  
BIG5-E BIG5E BIG-5 BIG-FIVE BIG5 BIG5-ETEN BIG5ETEN BIGFIVE CN-BIG5 CSBIG5  
BIG5-HKSCS BIG5-HKSCS:2004 BIG5HKSCS  
BIG5-IBM  
BIG5-PLUS BIG-5+ BIG5+  
C99  
CP037 037 EBCDIC-CP-CA EBCDIC-CP-NL EBCDIC-CP-US EBCDIC-CP-WT IBM037  
CP038 038 EBCDIC-INT IBM038  
CP10000 10000 CP10000\_MACROMAN  
CP10006 10006 CP10006\_MACGREEK  
CP10007 10007 CP10007\_MACCYRILLIC MS-MAC-CYRILLIC  
CP10029 10029 CP10029\_MACLATIN2  
CP1006 1006 MSCP1006  
CP10079 10079 CP10079\_MACICELANDIC  
CP10081 10081 CP10081\_MACTURKISH  
CP1026 1026 IBM1026  
CP1046 1046 IBM1046  
CP1124 1124 IBM1124  
CP1125 1125 IBM1125  
CP1129 1129 IBM1129  
CP1131 1131 IBM1131  
CP1133 1133 IBM-CP1133 IBM1133  
CP1161 1161 CSIBM1161 IBM-1161 IBM1161  
CP1162 1162 CSIBM1162 IBM-1162 IBM1162 MSCP874 WINDOWS-874  
CP1163 1163 CSIBM1163 IBM-1163 IBM1163  
CP1250 1250 MS-EE MSCP1250 WINDOWS-1250  
CP1251 1251 MS-CYRL MSCP1251 WINDOWS-1251  
CP1252 1252 MS-ANSI MSCP1252 WINDOWS-1252  
CP1253 1253 MS-GREEK MSCP1253 WINDOWS-1253  
CP1254 1254 MS-TURK MSCP1254 WINDOWS-1254  
CP1255 1255 MS-HEBR MSCP1255 WINDOWS-1255  
CP1256 1256 MS-ARAB MSCP1256 WINDOWS-1256  
CP1257 1257 MSCP1257 WINBALTRIM WINDOWS-1257  
CP1258 1258 MSCP1258 WINDOWS-1258  
CP273 273 IBM273  
CP274 274 EBCDIC-BE IBM274  
CP275 275 EBCDIC-BR IBM275  
CP277 277 EBCDIC-CP-DK EBCDIC-CP-NO IBM277  
CP278 278 EBCDIC-CP-FI EBCDIC-CP-SE IBM278  
CP280 280 EBCDIC-CP-IT IBM280  
CP281 281 EBCDIC-JP-E IBM281  
CP284 284 EBCDIC-CP-ES IBM284  
CP285 285 EBCDIC-CP-GB IBM285  
CP290 290 EBCDIC-JP-KANA IBM290  
CP297 297 EBCDIC-CP-FR IBM297  
CP420 420 EBCDIC-CP-AR1 IBM420  
CP423 423 EBCDIC-CP-GR IBM423  
CP424 424 EBCDIC-CP-HE IBM424  
CP437 437 CSPC8CODEPAGE437 IBM437  
CP500 500 EBCDIC-CP-BE EBCDIC-CP-CH IBM500  
CP50220 50220 MSCP50220 WINDOWS-50220  
CP50221 50221 MSCP50221 WINDOWS-50221  
CP50222 50222 MSCP50222 WINDOWS-50222  
CP51932 51932 MS51932 MSCP51932 WINDOWS-51932  
CP737 737 MSCP737  
CP775 775 CSPC775BALTIC MSCP775  
CP850 850 CSPC850MULTILINGUAL IBM850  
CP851 851 IBM851  
CP852 852 CSPC852 IBM852

CP853 853 IBM853  
 CP855 855 CSIBM855 IBM855  
 CP856 856 MSCP856  
 CP857 857 CSIBM857 IBM857  
 CP858 858 IBM858  
 CP860 860 CSIBM860 IBM860  
 CP861 861 CP-IS CSIBM861 IBM861  
 CP862 CSPC862LATINHEBREW IBM862  
 CP863 863 CSIBM863 IBM863  
 CP864 864 CSIBM864 IBM864  
 CP865 865 CSIBM865 IBM865  
 CP866 866 CSIBM866 MSCP866  
 CP868 868 CP-AR IBM868  
 CP869 869 CP-GR CSIBM869 IBM869  
 CP870 870 EBCDIC-CP-ROECE EBCDIC-CP-YU IBM870  
 CP871 871 EBCDIC-CP-IS IBM871  
 CP874 874 IBM874 WINDOWS-874  
 CP875 875 MSCP875  
 CP880 880 EBCDIC-CYRILLIC IBM880  
 CP891 891 IBM891  
 CP903 903 IBM903  
 CP904 904 IBM904  
 CP905 905 EBCDIC-CP-TR IBM905  
 CP918 918 EBCDIC-CP-AR2 IBM918  
 CP922 922 IBM922  
 CP932 932 CSWINDOWS31J MS932 MSCP932 SHIFT\_JIS-MS SJIS-MS SJIS-OPEN SJIS-WIN WINDOWS-31J WINDOWS-932  
 CP936 936 MSCP936 WINDOWS-936  
 CP942 942 IBM942 942C CP942C IBM942C  
 CP943 943 IBM943 943C CP943C IBM943C  
 CP949 949 MSCP949 UHC  
 CP950 950 MSCP950  
 CTEXT  
 DECHANYU DEC-HANYU DEC\_HANYU  
 DECMCS DEC-MCS DEC\_MCS  
 EBCDIC-AT-DE-A  
 EBCDIC-AT-DE  
 EBCDIC-CA-FR  
 EBCDIC-DK-NO-A  
 EBCDIC-DK-NO  
 EBCDIC-ES-A  
 EBCDIC-ES-S  
 EBCDIC-ES  
 EBCDIC-FI-SE-A  
 EBCDIC-FI-SE  
 EBCDIC-FR  
 EBCDIC-IT  
 EBCDIC-PT  
 EBCDIC-UK  
 EUC-CN CN-GB CSGB3212 EUCCN GB2312  
 EUC-JIS-2004 EUC-JISX0213  
 EUC-JP-MS EUCJP-MS EUCJP-OPEN EUCJP-WIN EUCJPMS  
 EUC-JP CSEUCPKDFMTJAPANESE EUCJP IBM-EUCJP  
 EUC-KR CSEUCKR CSKSC56011987 EUCKR ISO-IR-149 KOREAN KSC\_5601 KS\_C\_5601-1987 KS\_C\_5601-1989  
 EUC-TW CNS11643 CSEUCTW EUCTW  
 GB12345  
 GB18030  
 GBK  
 GEORGIAN-ACADEMY-OLDCAPITAL  
 GEORGIAN-ACADEMY GEO8-BPG GEORGIAN-ILIA GEORGIAN-RS  
 GEORGIAN-PS-OLDCAPITAL  
 GEORGIAN-PS GEO8-GOV GEO8STD GEORGIAN-STD  
 HP-ROMAN8 CSHPROMAN8 R8 ROMAN8  
 HZ HZ-GB-2312 HZ-GB2312 HZ8  
 ISO-2022-CN-EXT ISO2022-CNEXT  
 ISO-2022-CN CSISO2022CN ISO2022-CN  
 ISO-2022-JP-1 ISO2022-JP1  
 ISO-2022-JP-2 CSISO2022JP2 ISO2022-JP2 ISO-2022-JP-2004 ISO-2022-JP-3 ISO2022-JP2004 ISO2022-JP3  
 ISO-2022-JP CSISO2022JP ISO2022-JP  
 ISO-2022-KR CSISO2022KR ISO2022-KR  
 ISO-8859-1 CP819 CSISOLATIN1 IBM819 ISO-IR-100 ISO8859-1 ISO\_8859-1 ISO\_8859-1:1987 L1 LATIN1 CSISOLATIN6 ISO-8859-10  
 ISO-IR-157 ISO8859-10 ISO\_8859-10 ISO\_8859-10:1992 L6 LATIN6 ISO-8859-11 ISO-IR-166 ISO8859-11 ISO\_8859-11 TIS-620 TIS.2533-1  
 TIS620 TIS620-0 TIS620.2529-1 TIS620.2533-0 ISO-8859-13 ISO-IR-179 ISO8859-13 ISO\_8859-13 ISO\_8859-13:1998 L7 LATIN7  
 ISO-8859-14 ISO-CELTIC ISO-IR-199 ISO8859-14 ISO\_8859-14 ISO\_8859-14:1998 L8 LATIN8 CP923 IBM923 ISO-8859-15 ISO-IR-203  
 ISO8859-15 ISO\_8859-15 ISO\_8859-15:1998 L9 LATIN9 ISO-8859-16 ISO-IR-226 ISO8859-16 ISO\_8859-16 ISO\_8859-16:2001 L10 LATIN10  
 ISO-8859-2 CP912 CSISOLATIN2 IBM912 ISO-IR-101 ISO8859-2 ISO\_8859-2 ISO\_8859-2:1987 L2 LATIN2

ISO-8859-3 CP913 CSISOLATIN3 IBM913 ISO-IR-109 ISO8859-3 ISO\_8859-3 ISO\_8859-3:1988 L3 LATIN3  
 ISO-8859-4 CP914 CSISOLATIN4 IBM914 ISO-IR-110 ISO8859-4 ISO\_8859-4 ISO\_8859-4:1988 L4 LATIN4  
 ISO-8859-5 CP915 CSISOLATINCYRILLIC CYRILLIC IBM915 ISO-IR-144 ISO8859-5 ISO\_8859-5 ISO\_8859-5:1988  
 ISO-8859-6 ARABIC ASMO-708 CP1089 CSISOLATINARABIC ECMA-114 IBM1089 ISO-IR-127 ISO8859-6 ISO\_8859-6 ISO\_8859-6:1987  
 ISO-8859-7 CP813 CSISOLATINGREEK ECMA-118 ELOT\_928 GREEK GREEK8 IBM813 ISO-IR-126 ISO8859-7 ISO\_8859-7  
 ISO\_8859-7:1987 ISO\_8859-7:2003  
 ISO-8859-8 CP916 CSISOLATINHEBREW HEBREW IBM916 ISO-IR-138 ISO8859-8 ISO\_8859-8 ISO\_8859-8:1988  
 ISO-8859-9 CP920 CSISOLATIN5 IBM920 ISO-IR-148 ISO8859-9 ISO\_8859-9 ISO\_8859-9:1989 L5 LATIN5  
 ISO-IR-165  
 ISO646-BASIC:1983 ISO\_646.BASIC:1983 REF REF  
 ISO646-BASIC@1983 ISO646-BASIC:1983  
 ISO646-CA CA CSA7-1 CSA\_Z243.4-1985-1 ISO-IR-121 CSA7-2 CSA\_Z243.4-1985-2 ISO-IR-122 ISO646-CA2  
 ISO646-CN CN CSISO57GB1988 GB\_1988-80 ISO-IR-57  
 ISO646-CU CUBA ISO-IR-151 NC\_NC00-10:81  
 ISO646-DE DE DIN\_66003 ISO-IR-21  
 ISO646-DK DK DS2089 DS\_2089  
 ISO646-ES ES ISO-IR-17 ES2 ISO-IR-85 ISO646-ES2  
 ISO646-FR FR ISO-IR-69 NF\_Z\_62-010 ISO-IR-25 ISO646-FR1 NF\_Z\_62-010\_(1973)  
 ISO646-GB BS\_4730 ISO-IR-4  
 ISO646-HU HU ISO-IR-86 MSZ\_7795.3  
 ISO646-IRV:1983 IRV ISO-IR-2  
 ISO646-IRV@1983 ISO646-IRV:1983  
 ISO646-IT ISO-IR-15 IT  
 ISO646-JP-OCR-B ISO-IR-92 JIS\_C6229-1984-B JP-OCR-B  
 ISO646-JP CSISO14JISC6220RO ISO-IR-14 JIS\_C6220-1969-RO JP  
 ISO646-KR KSC5636  
 ISO646-NO ISO-IR-60 NO NS\_4551-1 ISO-IR-61 ISO646-NO2 NO2 NS\_4551-2  
 ISO646-PT ISO-IR-16 PT ISO-IR-84 ISO646-PT2 PT2  
 ISO646-SE FI ISO-IR-10 ISO646-FI SE SEN\_850200\_B ISO-IR-11 ISO646-SE2 SE2 SEN\_850200\_C  
 ISO646-US 646 ANSI\_X3.4-1968 ANSI\_X3.4-1986 ASCII CP367 CSASCII IBM367 ISO-IR-6 ISO\_646.IRV:1991 US US-ASCII  
 ISO646-YU ISO-IR-141 JS\_JUS\_I.B1.002  
 JAVA  
 JISX0201-KANA CSHALFWIDTHKATAKANA JISX0201 JISX0201-1976 JIS\_X0201 X0201  
 JISX0208:1990 CSISO87JISX0208 ISO-IR-87 JIS0208 JISX0208-1990 JIS\_C6226-1983 JIS\_X0208 JIS\_X0208-1983 JIS\_X0208-1990  
 JIS\_X0208:1990 X0208  
 JISX0208@1990 JISX0208:1990  
 JOHAB CP1361  
 KOI7-SWITCHED  
 KOI7 ISO-5427 ISO-IR-37 ISO\_5427 KOI-7  
 KOI8-C  
 KOI8-E ECMA-CYRILLIC ISO-IR-111  
 KOI8-R KOI8-RU  
 KOI8-T  
 KOI8-U  
 KOI8 CP878 KOI-8  
 KZ1048 CSKZ1048 KZ-1048 RK1048 STRK1048-2022  
 MACARABIC  
 MACCELTIC  
 MACCENTEURO MACCENTRALEUROPE  
 MACCROATIAN  
 MACCYRILLIC MAC-CYRILLIC MACUKRAINE MACUKRAINIAN  
 MACDEVANAGA ISCII-DEV MACDEVANAGARI  
 MACDINGBATS  
 MACFARSI  
 MACGAELIC  
 MACGREEK  
 MACGUJARATI  
 MACGURMUKHI  
 MACHEBREW  
 MACICELAND  
 MACINUIT  
 MACKEYBOARD  
 MACROMAN CSMACINTOSH MAC MACINTOSH MACROMANIA MACROMANIAN  
 MACSYMBOL  
 MACTHAI  
 MACTURKISH  
 MULELAO-1  
 NEXTSTEP  
 PTCP154 CP154 CSPTCP154 CYRILLIC-ASIAN PARATYPE-154 PT-154 PT154  
 RISCOS-LATIN1  
 SHIFT\_JIS-2004 SHIFT\_JISX0213  
 SHIFT\_JIS CSSHIFTJIS MS\_KANJI SJIS  
 TCVN5712-1 TCVN TCVN-5712 TCVN-5712-1:1993 VN-1  
 TDS565 ISO-IR-230  
 UTF-16-INTERNAL UCS-2-INTERNAL

UTF-16-SWAPPED UCS-2-SWAPPED  
UTF-16 UNICODE UTF16 CSUNICODE CSUNICODE11 ISO-10646-UCS-2 UCS-2 UCS-2BE UNICODE-1-1 UNICODEBIG UTF-16BE  
UTF16BE UCS-2LE UNICODELITTLE UTF-16LE UTF16LE  
UTF-32-INTERNAL UCS-4-INTERNAL  
UTF-32-SWAPPED UCS-4-SWAPPED  
UTF-32 CSUCS4 ISO-10646-UCS-4 UCS-4 UCS-4BE UTF-32BE UTF32BE UCS-4LE UTF-32LE UTF32LE  
UTF-7 CSUNICODE11UTF7 UNICODE-1-1-UTF-7 UTF7  
UTF-8 UTF8  
VIQR  
VISCII CSVISCII VISCII1.1-1 VSCII  
ZW

**#5 - 08/13/2017 08:10 PM - Timur Bakeyev**

- Status changed from Screened to Fix In Progress

I'm going to split that fix into two pieces, brute force one with the list of few extra encodings should follow, more sophisticated dynamic one will be targeted to 11.1.

**#6 - 08/14/2017 01:20 PM - John Hixson**

Timur Bakeyev wrote:

I'm going to split that fix into two pieces, brute force one with the list of few extra encodings should follow, more sophisticated dynamic one will be targeted to 11.1.

timur, see [fcd36c66b3504dbca774db993425fcb3e80d940a](https://github.com/freenas/freenas/pull/303)

**#7 - 08/23/2017 07:19 AM - Dru Lavigne**

- Target version changed from 11.0-U3 to 11.1

**#8 - 09/03/2017 06:41 PM - Timur Bakeyev**

- Status changed from Fix In Progress to Needs Developer Review

- Assignee changed from Timur Bakeyev to John Hixson

John, I did it slightly different, see <https://github.com/freenas/freenas/pull/303>

**#9 - 09/05/2017 11:18 AM - Dru Lavigne**

- Status changed from Needs Developer Review to 46

**#10 - 09/13/2017 07:44 PM - John Hixson**

- Status changed from 46 to Reviewed by Developer
- Assignee changed from John Hixson to Release Council

The code looks good to me. Is it correct in that the drop down is pre-populated but you can still type in codepage? Also, I'd recommend when doing these pull requests to not include the various style changes to existing code as it makes it hard to read (I've seen this a few times now, the last one was particularly bad since I was trying to make sense of your idmap stuff and it gives the illusion lots of things have changed when they haven't ;-)).

**#11 - 09/14/2017 05:50 AM - Dru Lavigne**

- Subject changed from SMB Config, no cp1252 selection in the UI possible to Add CP1252 to DOS charset choices

**#12 - 09/15/2017 08:41 AM - Dru Lavigne**

- Assignee changed from Release Council to Timur Bakeyev

**#13 - 09/15/2017 09:41 AM - Timur Bakeyev**

- Status changed from Reviewed by Developer to Ready For Release

**#14 - 09/27/2017 07:06 AM - Dru Lavigne**

- Target version changed from 11.1 to 11.1-BETA1

**#15 - 10/24/2017 04:47 AM - Dru Lavigne**

- Status changed from Ready For Release to Resolved

**#16 - 11/06/2017 12:50 PM - Nick Wolff**

- QA Status Test Passes FreeNAS added
- QA Status deleted (Not Tested)

**#17 - 11/09/2017 08:38 AM - Joe Maloney**

- Needs QA changed from Yes to No