

ConvPkt

COLLABORATORS

	<i>TITLE :</i> ConvPkt		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	ConvPkt	1
1.1	ConvPkt.guide	1
1.2	Purpose of this program	1
1.3	Disclaimer and License Agreement	1
1.4	Usage	2
1.5	Format of CHRSLIST file	3
1.6	Installation	3
1.7	How to contact the author	4
1.8	Program History	4

Chapter 1

ConvPkt

1.1 ConvPkt.guide

ConvPkt v1.4
Copyright © 1995 Johan Billing

Purpose

Disclaimer and License Agreement

Usage

Installation

How to contact the author

Program history

1.2 Purpose of this program

Purpose of this program

=====

This program converts FidoNet *.pkt files between different charsets. A program like this is necessary for many Amiga sysops in the Swedish part of FidoNet as our RC has decided that the character set in all echomail areas is to be IBMPC.

1.3 Disclaimer and License Agreement

Disclaimer and License Agreement

=====

This program is released as FreeWare! That means that it may be used and spread freely, but that all other rights are reserved.

There is no guarantee for this program. All use is at your own risk!
 If you feel that you cannot accept this, then just don't use the
 program.

1.4 Usage

Usage

=====

This program will process FidoNet *.pkt files and convert all the messages to the desired character set. If the messages have a CHRS kludge, ConvPkt will use that kludge to determine the character set to convert from. If the messages don't have a CHRS kludge or if IGNORECHRS is specified on command line, the default charset will be used.

Template: FILE/A,TOCHRS=TO/A,CHRSLIST/K,DEFAULTCHRS=DEFCHRS/K,
 IGNORECHRS/S,NOCHRS/S,CHRSONLY/S:

FILE File to convert. Wildcards are allowed.

TOCHRS Destination character set. This is used if you don't use a CHRSLIST file or if no item in the CHRSLIST file matches the tagname of the area.

CHRSLIST Here you can specify the filename of a file that contains a list of the charsets that should be used for areas that match specified patterns. Using this option you can convert different areas to different charsets.

 Click
 here
 to see the format of that file.

DEFAULTCHRS Character set to use if there is no CHRS kludge or if IGNORECHRS is specified.

IGNORECHRS If you specify this option, ConvPkt will ignore all CHRS kludges and always use the default charset.

NOCHRS If you use this option, ConvPkt will not write a CHRS kludge in the converted message.

CHRSONLY This option tells ConvPkt to only convert messages with a CHRS or CHARSET line. Other messages will not be touched.

Available character sets:

LATIN-1 The Amiga's native character set. Also called ISO-8859-1.

IBMPC IBMPC character set (Codepage 437)

MAC Macintosh character set

DEFAULT A mixture of IBMPC and LATIN-1. Quite good to have as default character set. This can not be used as the

character set to convert to.

SWEDISH Swedish 7-bit character set. It is not recommended to have this as the default character set since it will destroy 'C' sources and uuencoded files.

SKIP This tells ConvPkt not to convert the messages. This can be specified both in the CHRSLIST file and as TOCHRS.

Example:

```
ConvPkt *.PKT IBMPC
```

1.5 Format of CHRSLIST file

The format of this file is very simple. The syntax of each line in the text file is like this:

```
<Pattern> <Charset> <Default charset>(optional)
```

Lines beginning with a ";" are ignored.

An example charset list:

```
; CHRS translation list for the areas
;
; Syntax: <Pattern> <Charset> [<Default charset>]
;
; (Default charset is optional)
```

```
R20_AMIGA#?      LATIN-1      LATIN-1
NETMAIL          LATIN-1
#?               IBMPC        IBMPC
```

When ConvPkt does the pattern matching, netmail messages get the tagname NETMAIL. If the tagname doesn't match any of the patterns in this file, the destination charset specified on the command line will be used instead. The same goes for the default charset.

1.6 Installation

Most node/point operators will probably want to run ConvPkt automatically. The best way to do this is to create a script file that you run as your packer in your tosser. Such a script for outgoing mail could look like this:

```
--- ConvLHA ---
.key bundle,file
```

```
.bra {  
.ket }
```

```
ConvPkt {file} IBMPC CHRSLIST ConvPkt.cfg  
LhA a {bundle} {file}  
-----
```

Your tosser should then execute something like this:

```
Execute ConvLHA 12345678.mo0 87654321.pkt
```

A script for incoming mail could look like this:

```
--- ConvIncomingLHA ---  
.key bundle  
.bra {  
.ket }  
LhA x {bundle}  
ConvPkt *.pkt LATIN-1  
-----
```

1.7 How to contact the author

How to contact the author

=====

```
FidoNet:   Johan Billing@2:200/207.6  
InterNet:  johan.billing@kcc.ct.se
```

```
SnailMail: Johan Billing  
            Östra Storgatan 22  
            260 60 Kvidinge
```

Please don't hesitate to contact me!

1.8 Program History

History

=====

1.0 - First release

1.1 - New feature: Now you can convert different areas to different charsets! This is done based on AmigaDOS patterns so you don't have to configure all areas.

- Minor bug fix: ConvPkt had problems converting netmails that didn't begin with a kludge line. The new CHRS kludge appeared on the second line instead of the first.

1.2 - New commandline keyword: CHRSONLY. If you use this, ConvPkt will only convert messages with a CHRS or CHARSET kludge. Other messages will not be touched.

-
- New destination charset: SKIP. Areas set to this charset will not be converted.
- 1.3 - Nothing much has happened, actually. The only change is that ConvPkt doesn't convert Soft-CR's (\$8d) anymore. Soft-CR is a special character that is removed or ignored by most FidoNet programs, but earlier versions of ConvPkt converted it to another character so that it wasn't recognized as a Soft-CR anymore.
- 1.4 - ConvPkt now preserves the comment, protection bits and date of the files it processes. DLG had problems when the comment was removed from the files...
-