Tech Info Library

Newton Connection Kit: Import & Export Translation Errors (4/94)

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TOPIC ---

I am trying to setup a template for importing and exporting to-do items from the
datebook application using the Macintosh version of the Newton Connection Kit
2.0. However I have found that if there is a carriage return embedded within the
text of a to-do item, the exported files don't contain the information after the
carriage return in the proper record. The information ends up in multiple
records when imported into another application. How can I get all the
information in one record?

DISCUSSION --

Export templates in the Newton Connection Kit for Macintosh write data into
ASCII text files. Fields are delimited by a TAB character and records are
delimited by a Carriage Return (CR) character. This is customizable within the
connection kit. The problem here is that the text being exported from the
Newton, a to-do item, contains one of the delimiting characters, a carriage
return. When another program reads the exported file, it will read the embedded
carriage return in the text as a record separator. The following excerpt from
the Newton Connection Kit 2.0 read me file details the problem:

"There are situations in which a file exported using a template and then
reimported into a Newton Connection Kit file may lose information. The
templates import and export files with text only. This means that any graphics
in your Newton data will not be exported if you use a template. Furthermore, if
your data contains tabs, returns or multiple paragraphs (**), some of it may be
lost if you export with a template that uses Tab and Return as the field and
record separators. To avoid this, click Options in the Template dialog and
choose a character that does not appear in your data as the separator, or export
in Newton Connection format. If you want to move all information from one Newton
Connection Kit file to another, it is strongly recommended that you use the
Newton Connection format to import and export the information.

(**) Multiple paragraphs are concatenated with Carriage Returns. "

This type of problem is common throughout the computer industry.

Workaround

An option is configuring the Newton connection kit to have specific delimiters
with the import and export programs.

With Newton Connection 2.0 for Macintosh, you can do the following:

1) Go to the File menu and choose "Create Template..." and pick an
   application you wish to create a template for. Use "Edit Template..." if
   you are modifying an existing template.

2) Click on the "Options" button

3) Configure the record and field separator characters in the spaces
   provided. It is helpful to choose "non" display characters that will
   not be embedded in the text. The "Key Caps" application available from
   the Apple Menu can provide some good choices.

Then, when you want to import the data in another application, configure the
import option to use the same delimiters. You need to consult the documentation
for your specific application if you need additional information on how to do
this. However, there can be additional problems since not all applications can
be configured. In those cases, the only solution is to change the text that
contains one of the delimiters on the Newton.

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