User's Guide

Corrector+

version 2.6

Foundation Systems

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1. Getting Started

About Corrector+

The Newton's handwriting recognition (HWR) engine is nothing short of amazing. Still, many people have to adjust their handwriting styles for maximum accuracy with the printed recognizer. Words that are appear to be written correctly are not recognized by the Newton because some characters were connected. Examples include:

- writing -> writiy
- thinking -> thinkig
- something -> someth.ng
- The -> TM
- Careful -> (areful

If this happens, the correction procedure is as follows:

1 Double tap on the word. The correct word is not in the correction list.

2 Tap on the corrector ![corrector icon] or keyboard ![keyboard icon].

3 Enter in the appropriate characters.

In the end, you get the word you originally wanted, but you have lost time and patience. Corrector+ alleviates some of this by allowing you to define sets of corrections to deal with common and consistent HWR mistakes. Corrections occur either automatically as you write or interactively (the user double taps on a word to see the correct suggestions).

System Requirements

To use Corrector+ on your Newton device, you need the following:

- a Newton device running the Newton 2.0 operating system or later.
- 32 kilobytes of storage space, plus additional storage space for new corrections.

Installation

If Corrector+ is not already installed on your Newton device, you need to install it into your Newton's memory or onto a PC card. To do this, you use a Newton utility that can install software packages, such as the Newton Connection Utilities or Newton Backup Utility, with a computer running the Mac OS or Windows operating system.

Once installed, the Corrector+ is automatically stored in the Unfiled folder in the Extras Drawer.

Opening Corrector+

1 Tap Extras.

Note: If you don't see the Extras Drawer icon, it means Extras is the backdrop, the default background application. Go to the Extras Drawer by tapping every ⊠ you see. For information about the backdrop application, refer to the documentation that came with your Newton device.

2 If you don't see the Corrector+ icon, tap the folder tab and tap Unfiled Icons.

3 Tap the Corrector+ icon Corrector+.

Note: If the Corrector+ icon doesn't appear, tap Extras, tap the folder tab, and in the list that appears, tap All Icons. Then tap the Corrector+ icon

4 When you are finished using Corrector+ , tap ⊠ to quit.

2. Overview

Corrector+ works by identifying patterns in misinterpreted words and testing to determine if by replacing the search pattern with the replace pattern, the "corrected" word is present in one of the Newton's built-in dictionaries. If so, Corrector+ optionally replaces the misinterpreted words with the corrected words. There are four types of corrections you can define in Corrector+:

- Whole—Corrector+ will look for the search string, replacing it with the replace string.
      Example: `TM -> The`

- Head—Corrector+ will look for the search string at the beginning of a word and replace it with the replace string.
      Example: `(are -> care`

- Middle—Corrector+ will look for strings in the middle of words and replace them with the replace string.
      Example: `f.ne -> fine`

- Tail—Corrector+ will look for strings at the ends of words and replace them with the replace string.
      Example: `Tryiy -> Trying`
      Example: `Cleary! -> Clearly!`

Note: Corrections are CASE SENSITIVE. If you define a Whole correction such as: Th -> The, Corrector+ will NOT correct the word 'th'
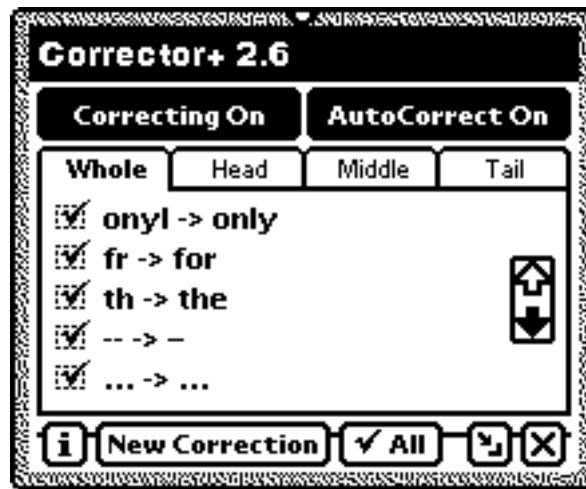
When first run, Corrector+ will install some default corrections:

- Whole: `th -> the`
- Head: `( -> c`
- Middle: `. -> i`
- Tail: `iy -> ing`
- Tail: `ig -> ing`
- Tail: `ry -> rly`

3. Activating Corrector+

1 Open Corrector+. The Corrector+ application appears.

2 Tap the Correcting On/Off button to activate or deactivate Corrector+.

3 Tap the AutoCorrect On/Off button to make Corrector+ automatically replace misinterpreted words with the Corrector+ corrected words.

4 Minimize Corrector+ by tapping on the Minimize button ⬒. Corrector+ will still be activated but will disappear.

5 Write on your Newton. After a short delay, misinterpreted words will be automatically corrected by Corrector+ if you have turned on Auto-Correct.

Without Corrector+:

With Corrector+:

6   If Auto-Correct is turned off, double tap on the misinterpreted word to see a list of corrections. In the list that appears, select the corrected word.

```
Seeiy
seeiy
Seeig
Seeìy
Seeìg
See:y
seeing
Seeing
Seeing
⌨  a
```
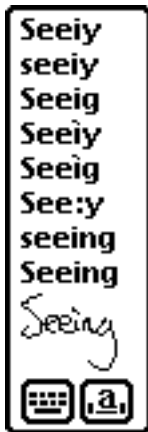
4. Creating and Editing Corrections

Creating new corrections

1 Open Corrector+.

2 Tap New Correction. The new correction slip appears.

3 Tap Type and in the list that appears, select the type of correction you want to create.

4 Enter the search string.

5 Enter the replace string.

If you have Auto-Correct turned on but do not want Corrector+ to automatically correct this correction, check Don't auto-correct this correction.

6 Tap the closebox ⊠ to save the correction.

Editing and deleting corrections

1 Open Corrector+.

2 Tap the correction type you want to edit on the correction tab.

5. Setting Preferences

1 Tap the Information button ![i] .

2 In the list that appears, tap Prefs. The Corrector+ Preferences slip appears.

6. Frequently Asked Questions

This chapter describes common problems and suggests solutions. Note, that many of the procedures here can be found in more detail in the preceding chapters. If, after reviewing the suggested solutions in this chapter, you still cannot solve the problem, contact Foundation Systems at: support@tow.com

Improper Corrections

When I write the word "sprig," it gets changed to "spring." Why is this happening and how can I prevent Corrector+ from changing correctly written words?

- Sometimes Corrector+ corrects a properly written word. Sprig is not in the built-in Newton dictionaries so Corrector+ assumes that it has been misinterpreted. Since "spring" is in the dictionaries, Corrector+ replaces "sprig."
- Edit the correction and check Don't auto-correct this correction to prevent this from happening.

Miscellaneous

Corrector+ doesn't seem to be working. I turn it on and close the window and nothing happens when I write!

- You have to minimize Corrector+ to let it run in the background. Closing the application will turn off the Corrector+.

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