OKALOOSA-WALTON COLLEGE
Department of Mathematics

# Demonstrating the aeb_mlink Package
## A member of AeB Pro

D. P. Story


July 29, 2008

storyd@owc.edu
Version 1.0

## 1. Introduction

This file tests and demonstrates new macros for creating hypertext links that wrap around a line. Most of the text is nonsense, and was created to fill the page, no offence taken I hope

This paragraph contains two links that go beyond the margins of this text width so it wraps around to the next line. Now, I'll insert a multi-line link.[1] Can we continue with this? Yes, so says D. P. Story.

This paragraph contains two links that go beyond the margins of this text width, so it wraps around to the next line. Let's try a numbered equation:

$$\boxed{x + y = 1} \tag{1}$$

Now, with your permission, I'll insert another one of these links of the multiline type.[2] Can we continue with this? Yes, so says D. P. Story.

On the next page, we try multiple column format.

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[1] Techniques by D. P. Story

[2] D.P. Story is very nice fellow, but he has a rather grand head; we must watch the compliments so we don't inflate his ego more.

Welcome my friends to my residence, humble as it is. The encyclopedia is a wonderful book. We shall study it closely during your visit.

Try this great link: Jurgen, LaTeX and math $\int_0^1 f(x)dx$ work admirably.

Being able to create multi-line links becomes important when the `\linewidth` is narrow. On this page we create some mindless text that will fill up all or part of the page, then create some multi-line links.

Without a doubt, *this method will fail if the paragraph contains multi-line links that crosses a* page boundary *or a* column boundary.

This paragraph contains two links that extend beyond the margins of this text width which causes it to wrap around to the next line. Note the hyphenation of the link, this is due to the soul package. As a further test, I'll insert a multi-line link again. Can we continue with this? Yes, so says D. P. Story.

## 2. Second of Three Sections

Let us begin by having page filling mindless text, then we'll force a page break, but before we break, a friend of mine, asked if multi-line links work with math formulas. A very strange request, $x = f(t)$, $x = g(t)$, $h(x) = e^x$ very strange let's try.

Use LaTeX/hyperref system of cross-referencing Third of Three Sections. The last link is a modification of the `\nameref` command from hyperref.The `\Nameref` command can be duplicated 'Third of Three Sections' on page 5 as well.

## 3. Third of Three Sections

The second section, oops, I've lost count. I have nothing to say in this section. I take that back, below are problem areas multi-line linking:

1. This method cannot work across page boundaries
2. See the soul package documentation for limitations on the arguments of the `\mlxx` commands.
3. Works for footnotes
4. Can use verbatim text in a paragraph, `$#}^`, but cannot include verbatim in a multi-line link. Is there any real need to do so?

## 4. URLs

Let us try a URL across lines: See the educational offerings of the AcroTEX Web Site at the University of Akron. This link plays off the `\href` command.

We can also call a local file, let's try: Here is a shameless advertisement for AcroTEX.

Try launching a file now, let's try a LaTeX file: This is the source file of this document.[3]

Finally, let's try my own email address at AcroTeX.Net, dpstory at acrotex dot net.

Launch Notepad[4]

[3] Source document needs to be in the folder containing this PDF file.

[4] Windows system required.