Readme file for AntMover1.0

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March 18th, 2003

AntMover is a automatic text structure analyzer program written in Perl using
ActiveState's excellent Komodo 1.2 development environment. The program
can be launched by simply double clicking on the self extracting compressed zip file
which can be downloaded from the Laurence Anthony laboratory website at
http://antpc1.ice.ous.ac.jp/. The program can run under any windows environment
including Win 98/Me/2000/NT.
If a user finds any problem launching the
program under a particular OS, please inform me using the email
address below.

Using AntMover is relatively simple, but it has a number of quite advanced features that are
accessible through the many menus in the main window. A full user guide is available for viewing online,
and is also included in the main AntMover directory. The current version has a single project ready to use. This is a project that
analyses the structure of computer science abstracts. The projects can be applied to other fields and text types with
varying success.

To use AntMover in its most basic sense, a user must open a text file (or set of text files), which are then
imported into the program for analysis. The user can then choose up to four views of the file.
View 1 is the original file without any processing.
View 2 is a processed view of the file, divided automatically into individual sentences
View 3 is a view of the file after a 'moves analysis' has been performed, giving a rhetorical (structural) label
automatically to each sentence in the file. This labeling can be used to give the user an idea of the overal
structural/rhetorical organization of the text for help when reading or writing in English.
View 4 is an outline view of the structural organization of the file, which the text data itself omitted.

A basic summary of the ideas behind AntMover can be found at
http://antpc1.ice.ous.ac.jp/Abs&Sums/cilfe2003/cilfe_abs_2003.htm
A research presentation explaining the theory and developement of AntMover can be found at
http://antpc1.ice.ous.ac.jp/Abs&Sums/cilfe2003/Cilfe_Pres_2003.files/frame.htm

NOTE: AntMover is still very much in the devlopment stage. In particular, the flow optimization feature requires a special file to be
saved in the data sets directory of each project telling the system the probability of common structural steps or moves used in a particular field. In the current
implementation of the system, this file is deleted if the system is retrained on a particular project. To keep this file intact,
the user should manually remove the file before retraining the system, and then replace it after the retraining has finished.
This problem will be addressed in the next upgrade. Also, when large data sets are used in projects, the system may require a long time to
create or retrain a project. During this time, the program may appear to a hang, but this is not the case and a "finished" report will be

displayed when the creation or retraining has completed. In other words, user's should be patient when processing large data sets!

AntMover can be used freely for individual use for non-profit research purposes, and
freely distributed on the condition that this readme file is attached in
an unaltered state. The software comes on an 'as is' basis, and the
author will accept no liability for any damage that may result from
using the software. Although there is no support available for AntMover, the author
 would be happy to hear comments and/or suggestions from
anyone using the software, and will try to fix any bugs etc. when time
is available.

Revision History

1.0   First version

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