anagallis version 0.998 beta, 16 April 2018

First public version.
Statically linked 32-bit executable compiled with gcc 4.8.4.

anagallis version 0.999 beta, 9 September 2018

Statically linked 32-bit executable compiled with gcc 7.3.0.

Bug fix: in some cases, the reconstructed aggregate stateset at an inner node contained states in addition to the union of the non-aggregetaed statesets at that node.

Some minor changes in the documentation.

anagallis version 1.00, 6 November 2018

Statically linked 32-bit executable compiled with gcc 7.3.0.

Addition of a help section on the theory behind the program in the built-in documentation.
Addition of a help section with a high level description of the algorithm, including an informal definition of non-aggregate and aggregate final statsets.
Addition of a help section with sevaral examples that illustrate the difference between aggregate and non-aggregate statesets and the issues that arise when trying to plot non-aggregate statesets in a compact way.
Several minor changes, additions, and corrections in the documentation.

In some cases, the reconstructed non-aggregate statesets at an inner node contained states in addition to the optimal states (as a consequence, these showed up in the aggregate statesets as well, which in turn could affect collapsing of zero-length branches). This was due to a missing re-initialization during backtracking while searching for optimal reassignmnets to 'presence' in initial regions of absence for absence/presence characters. Fixed.

Enabled calculation of strict consensus trees.

Previous versions by design did not always plot non-aggregate statesets when this was requested (outputing some explanatory text instead in such cases). Non-aggregate statesets are now always plotted when requested.

Several small corrections and additions to some examples in the examples subdir.

anagallis version 1.01, 11 December 2018

First version with MacOS executable.
Linux: statically linked 32-bit executable compiled with gcc 7.3.0.
MacOS: dynamically linked executable.

Correction of some dates in this changelist.

Reading parenthetical trees with terminal names didn't work from the moment that at least one terminal had a name with a 'v', an 'o', an 'i' or a 'd'. Fixed.

Several small changes in the use of variadic functions, fixing some issues that popped up when porting the code to MacOS.

Built-in documentation:
  •   correction of a previous erroneous assertion that initial regions of absence can in general be optimized independently; discussion of the consequences thereof;
  •   addition of a section on the scope and limits of the current algorithm;
  •   several small changes and corrections.