stickydesign Documentation

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CHAPTER 1

Changelog

1.1 0.8.0

Major changes:

• Added stickydesign2 (used internally by alhambra)

1.2 0.7.0

Major changes:

- Rearranged energetics. There are now three energetics classes:
 - EnergeticsOld: this is the old energetics class (energetics_santalucia)
 - EnergeticsBasic: this is an energetics class, based on energetics_daoe, which assumes that we know nothing about anything adjacent to the sequences. This likely makes the most sense for toeholds, or as a base for creating your own classes. It uses the new 'S' 'end' type, which is really just a sequence.
 - EnergeticsDAOE: this is an improved version of energetics_daoe. It makes the most sense for sticky ends for DAO-E tiles.
- Added the multimodel module, which contains an endchooser that tries to optimize for multiple energetics classes at once.
- Added documentation!

Fixes:

- Fixed various installation issues in both Python 2 and Python 3.
- Removed auto-import of multimodel, which requires Python 3.
- Fixed examples in the README.

1.3 0.4.3

• Include S parameters and thus temperature dependence for internal single-base mismatches, from Allawi 97 + 98 (4 papers in total) and Peyret 99.

CHAPTER 2

Indices and tables

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