

Lightning Talk: Biopython (bio) Geography Module

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Abstract: For Google Summer of Code 2009/NESCENT Phyloinformatics Summer of Code 2009, I built a Geography module for Biopython. The purpose of the module is to search, download, and process biogeographical data from GBIF, much as Biopython currently accesses Genbank. Application of the tool to a historical biogeography study on bivalves will be illustrated.

As required by Google Summer of Code and Biopython, the code is open access and is released under the Biopython License:

<http://www.biopython.org/DIST/LICENSE>

The module is described, and a tutorial is presented, on the Biopython wiki:

<http://biopython.org/wiki/BioGeography>

The page contains links to the source hosted on Github; here is the direct link:

<http://github.com/nmatzke/biopython/tree/Geography>