

The DiaDM Project - A web-based platform for Diachronic Data and Models

Mahé Ben Hamed

▶ To cite this version:

Mahé Ben Hamed. The DiaDM Project - A web-based platform for Diachronic Data and Models. 2010. halshs-04124528

HAL Id: halshs-04124528 https://shs.hal.science/halshs-04124528

Submitted on 10 Jun 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Copyright









The DiaDM Project http://www.diadm.ish-lyon.cnrs.fr/

A web-based platform of <u>Dia</u>chronic <u>Data</u> and <u>Models</u>

P.I.: Mahé BEN HAMED, Developer: Sébastien FLAVIER

Goals

Targeted data

The DiaDM project is a Web-based collaborative platform that aims to compile, organize and explore hypotheses about the putative **processes** by which the diversity of the world's languages came to be and the **structures** of the protolanguages from which today's languages are supposedly derived. The targeted 'data' are therefore reconstruction hypotheses of proto-structures, proto-lexicons and sound change.

Targeted goals

The ultimate goal of the DiaDM project is to create tools and resources to manage the evolving universe of data and methods about the evolution of languages in such a way that researchers from inside as well as outside the field of linguistics can easily comprehend their larger context ("what processes justify this reconstruction?"), compare and contrast hypotheses ("where do these two language relationship hypotheses agree and disagree?"), identify patterns and tendencies and synthesize concepts and data into ever more comprehensive and useful models and methods to reconstruct the past of today's languages. As such, the DiaDM Project aims to facilitate the access, development and testing of hypotheses about the evolution of languages by providing a unified framework in which a range of exploratory methods complement a body of comparable and directly interpretable reconstruction hypotheses from diverse language areas and families.

Targeted audience

The DiaDM project is designed to allow the community of linguistic experts to author, curate and connect a diversity of proto-language reconstruction hypotheses, and the scientific community at large to access this body of data in a comprehensive and unified format to develop and experiment original analytical approaches. To ensure the quality of the linguistic data is preserved, we have focused on developing a fully public Web resource associated with secure personal workspaces. Interoperability between the DiaDM databases and the major synchronic databases is also

