

Biomedical Ontology Matching Using the AgreementMaker System

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Abstract. The **AgreementMaker** ontology matching system, which has been developed in the ADVIS Laboratory at the University of Illinois at Chicago, has been deployed to dozens of users in a variety of domains. In this demo we concentrate on research advances that make the AgreementMaker system particularly suitable for biomedical applications: (1) An extensible architecture; (2) Automatic combination of the results from matching methods; (3) Integrated matching and evaluation; and (4) Support for external vocabularies. AgreementMaker has recently obtained the best results ever in the OAEI Anatomy Track competition.