Alvis Suite is an integrated software collection that provides all the necessary tools for semantic analysis and terminology and ontology acquisition for Ontology-based Data Integration.

Alvis Suite tools: AlvisNLP/ML (Natural Language Processing/Machine Learning), AlvisAE (Annotation Editor), TyDI (Terminology Design Interface) and AlvisIR (Information Retrieval), carry out the acquisition, the search and the display of domain-specific knowledge in a user-friendly manner. Alvis Suite integrates state-of-the-art research in Machine Learning (ML) and Natural Language Processing (NLP) for Information Management of large document collections in technical and scientific domains. This is demonstrated by two applications: pharmacology patents and molecular biology papers. Curated annotations are compared to predicted annotations. They are computed by advanced ML-based components of the Quaero partners.