FACULTY OF ARTS AND PHILOSOPHY

CLARIAH-VL
Open Humanities Service Infrastructure

GHENT CENTRE FOR DIGITAL HUMANITIES (GHENTCDH)

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DIGITAL SERVICES FOR RESEARCHERS

We Facilitate Research

Digital Humanities Expertise

The Ghent Centre for Digital Humanities (GhentCDH) advises and guides digitally-enabled research in the arts and humanities. The GhentCDH facilitates new and ongoing projects in which digital tools, methods or collections are used.

We offer support throughout the whole project lifecycle including funding applications, project management, and advising on the sustainability of results afterwards.

Text Processing and Analysis

We aim to enhance the understanding of textual sources. We offer advice on using both traditional and cutting-edge AI technologies for Optical Character Recognition (OCR), Handwritten Text Recognition (HTR), Natural Language Processing (NLP), as well as tabular and layout information retrieval. Our main goal is employing digital tools to make sources more accesible.

contact: Els Lefever

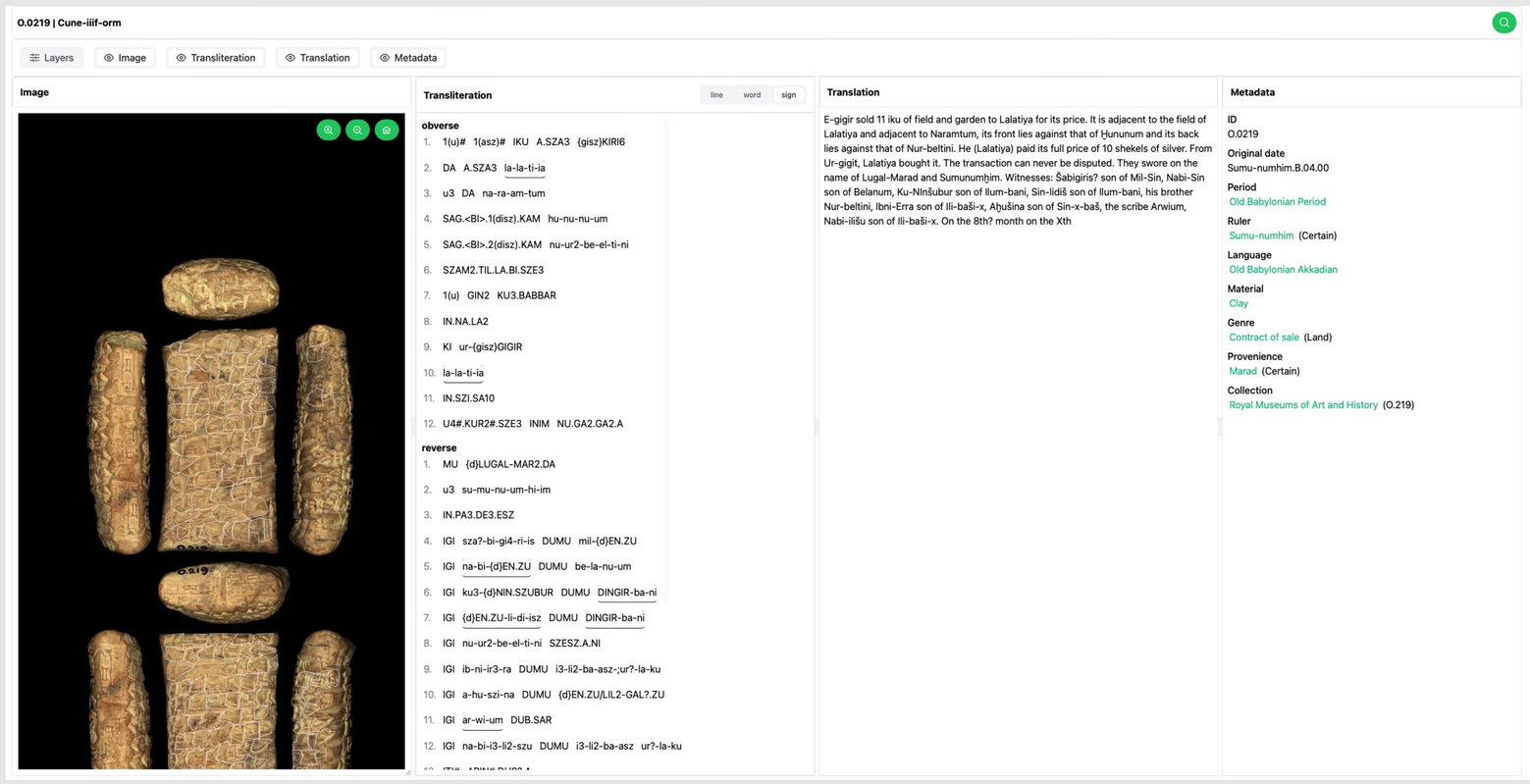
Computational Literary Studies Infrastructure (CLS INFRA)

We are building a shared resource of high-quality data, tools and knowledge for literary studies using artificial intelligence and other computational methods. We open up the best data mining resources in the growing field of Computational Literary Studies. We can help scholars detect patterns to show what literary genres were prevalent at certain times; if and how gender manifests in the language of writers; whether the movement of literary style can be mapped across time and space.

Digital Heritage

We support projects in digital heritage, participation and virtual expositions. We help researchers create, manage and enrich their own digital collections and set up virtual exhibitions. We can setup and support Omeka S, an open-source content management system and web publication platform used by cultural heritage institutions. We create crowdsourcing sites using Madoc, a tool to manage and enrich digital collections driven by the International Image Interoperability Framework (IIIF). We offer advice on citizen science and user participation.

contact: Fien Danniau



CUNE-IIIF-ORM

Towards an Internationally Image Interoperable Corpus of Cuneiform Tablets brings together an interdisciplinary consortium of ancient historians, museum curators, digital humanities and heritage experts, digitisation specialists and computer scientists to improve access to diverse federal cultural, scientific and historical heritage collections of the Royal Museums of Art and History (RMAH).

The multidisciplinary team will open the RMAH collection of Old Babylonian clay tablets for scientific exploitation through the linking, enriching and semi-automatic analysis with other digitised Cuneiform Tablets from Internationally Renowned Museums worldwide, publish the International CUNE-IIIF-ORM Old Babylonian Documentary Text Corpus, as a traditional scientific publication inAkkadica within an accompanying digital scholarly edition.

Collaborative Databases

We assist researchers in collaboratively managing and working with research data, customized to suit their specific needs. We offer guidance on database development using tools like Nodegoat. Nodegoat is a web-based platform for data management, analysis, and visualization. Our expertise also extends to advising on best practices around data standards, long-term data storage, interoperability, and linked data integration. We want to ensure that your project aligns with current FAIR data and Open Science standards.

contact: Joren Six

Geospatial Analysis

We offer advice, support and training regarding geospatial data management, analysis and visualisation. Researchers can contact us for support in geospatial analysis applications. We develop tailor-made online geospatial data management applications.

contact: Hans Blomme

Gent Gemapt

Gent Gemapt is a participative geotemporal platform for sharing, presenting and using digital heritage collections. We link archival and heritage collections with historical maps to reconnect them with each other, with the city and the people from Ghent. All kinds of data and source types can be 'mapped' and georeferencing and annotation are inviting methods for the public to unlock our heritage.

What is a Core Facility?

A Core Facility brings together specialised and indispensable scientific expertise, services and research infrastructure. A Core Facility promotes cooperation between researchers, and creates a strategy for the renewal and/or expansion of infrastructure. Use is open to all researchers within the Core Facility and within and outside Ghent University.

Contact

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Ghent Centre for Digital Humanities

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