OSCARS
Open Science Clusters' Action for Research & Society

Funded Project

DraCorOS

Fostering Open Science in Digital Humanities by connecting the "DraCor" Ecosystem to EOSC

Implemented by

University of Potsdam
Freie Universität Berlin

Universität Potsdam

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CHALLENGE ADDRESSED

OSCARS

- **Scattered and siloed data** – Computational Literary Studies struggle with corpora that are dispersed across platforms, making them difficult to discover, access, and reuse.

- **Limited adoption of FAIR and Open Science principles** – Many researchers in Computational Drama Analysis do not yet fully apply Open Science practices, limiting transparency, reproducibility, and data sharing.

- **Hindered adaptability of DraCor tools** – Due to a lack of software generalization, DraCor's tools remain difficult to adapt for broader research applications beyond drama corpora.

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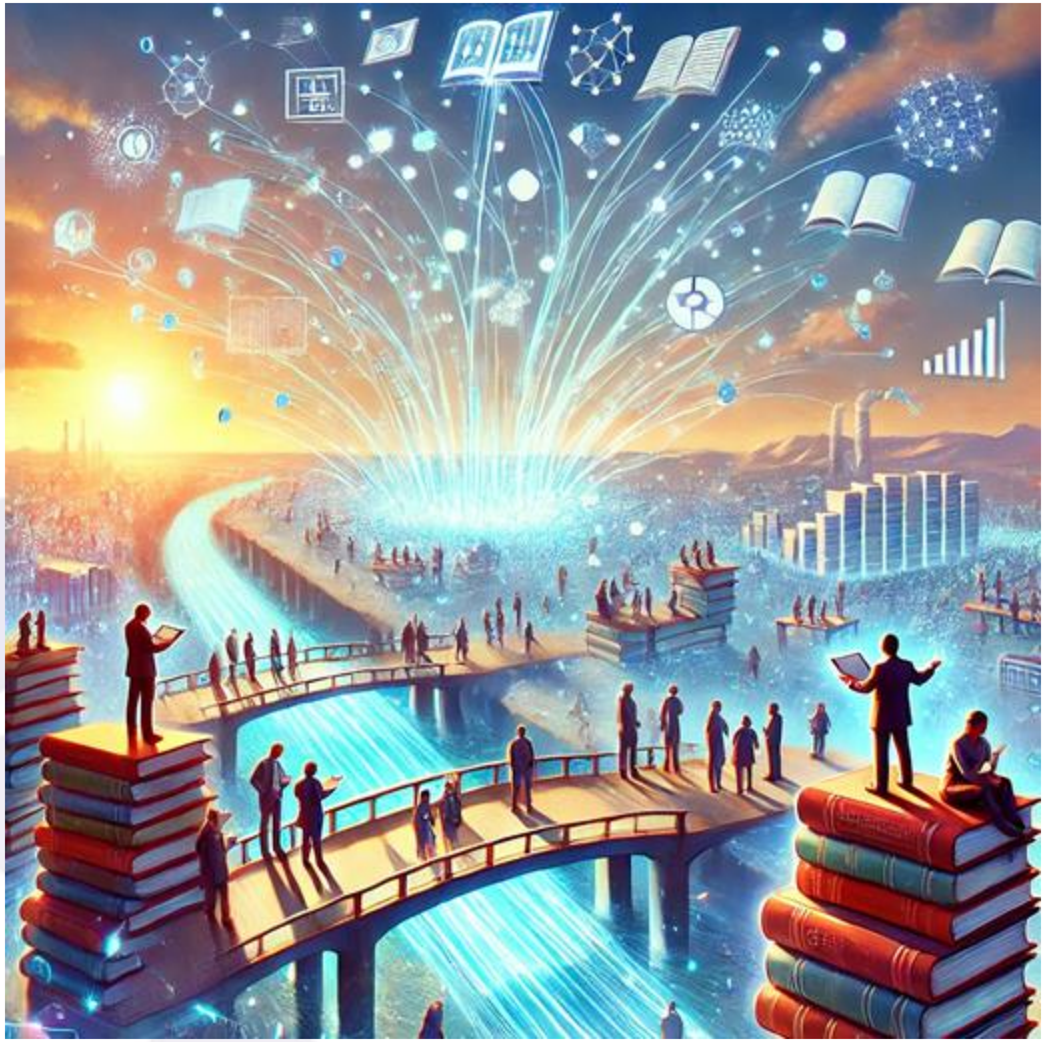
SOLUTION

- **DraCor Open Knowledge Graph** – Establish a Linked Open Data environment that connects DraCor's corpora, the research they enable, tools, and services, making them more discoverable, interoperable, and reusable within EOSC.
- **Training Materials and Community Building –** Develop training materials on DraCor and Open Science principles while fostering engagement through community events like the "DraCor Summit".
- **DraCor as an Open Source Solution** – Enhance software documentation, modularity, and deployment workflows, making DraCor's programmable corpora architecture more adaptable for other research scenarios.



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RESULTS

- **DraCor Open Knowledge Graph** – Accessible as a service on dracor.org, with an API enabling **integration into SSHOC-associated platforms** such as the CLARIN Digital Object Gateway, CLARIN Switchboard, and SSH Open Marketplace.
- **Open Educational Resources** – Training materials on DraCor and Open Science, published as Open Educational Resources (OER) and registered on **DARIAH Campus**.
- **Modular Open Source Software** – DraCor’s software will be available on GitHub, modularized for flexibility, deployable via Docker, and registered in the SSH Open Marketplace for broader accessibility and reuse.

RISKS

- **Unclear EOSC Integration Pathway** – EOSC is still evolving, and it is uncertain how small projects can effectively connect. Mitigation: Close collaboration with CLARIN and DARIAH, using CLARIN and the SSH Open Marketplace as gateways to ensure integration into EOSC services.

- **Automated Integration Challenges** – Ensuring seamless, automated data integration requires adherence to evolving standards and establishing trust as a reliable data provider. Mitigation: We will adhere to established standards, provide robust APIs, and work towards building trust and credibility as a trusted data source within EOSC.

- **Limited Community Engagement** – Researchers may lack motivation to adopt Open Science practices and integrate DraCorOS into their workflows. Mitigation: Active community involvement from the start, including the DraCor Summit (Sept 2025 in Berlin), where we will engage existing users, corpus maintainers, and new researchers, fostering stronger participation and adoption.

TEAM

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