

Communities: Computing in Arts & Humanities

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How do you define your **community**?

The **people and digital infrastructures**
where
arts and humanities,
the sciences and computational methods
meet.

What has brought it **together**?

- Less a single research question than a **shared interests** on:
 - *material things and their environments*, past and present;
 - expressions of *human creativity*;
 - **Societies**.
- **Preserving** cultural heritage.
- Self introspection: multiple *meaning*, and *critique* (non reproducible).

Community – diverse meeting points

- **Digital Humanities** (DH) events
- **Galleries, Libraries, Archives and Museums** (GLAM) events
- **Computing in Archaeology** events
- **Creative Technologies** - Creative Industries events
- Digital Arts/Film, XR/mixed reality - **Computer Graphics** (CG) events
- Digitisation/Imaging and analysis – **Heritage Science** events

Access to resources/compute

- **FAIR data sharing** critical - national and international **repositories**.
- **Compute** – has largely been institutional.
- Increasing interest in compute for **AI-analysis and understanding** of data.
- Communities of practice are broadening access to national infrastructure:
 - Digital Skills in Arts and Humanities (**diskah.org**)
 - **CCP** for Arts, Humanities and Culture.

AI-augmented Discovery Data resources

- iDAH Services
 - GBIF, MDS, LLDS, HSDS
 - Archaeological DS
- Aggregators
 - ARIADNE
 - Europeana
- Libraries
 - Bodleian
- Museums
 - Science Museum
 - V&A

Supporting excellence: our community approach

- **DISKAH** is funded under call: new approaches to skills or software.
- **11 fellows** – HPC access with RSE support and training.
- Peer-reviewed applications¹:
 - Case for support – research, digital methods and evidence of computationally intensive software workflows – inc. code, datasets.
 - Letter of support from institutions
- Developing use-case with user journeys to DRI: <https://www.diskah.org/use-cases>



Hackaton, 17 April 2026, Brighton, UK



DISKAH training at RSE Summer school, London, July 2025

Community Priorities

- **FAIR access** and easy movement of data.
- **Compute** which **connects** to large-scale **data** (secure, private)
 - Trusted Research Environments
 - Workflow-like environments
 - Access to LLMs for inference, and software/workflow assistance.
- **Supported access** via RSE to HPC and Compute Resources
- Emphasis on **governance**: career recognition, ethics, sustainability – environmental/financial, and environmental.

Thanks

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