



Field Acquired Information Management Systems

The FAIMS Project builds tools for digital data collection in the field. We also support online processing, archiving, and presentation of data.

Project staff helps to advise researchers concerning the development of data management strategies for grants, analysis, archiving, and publication.



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MAKING IT HAPPEN

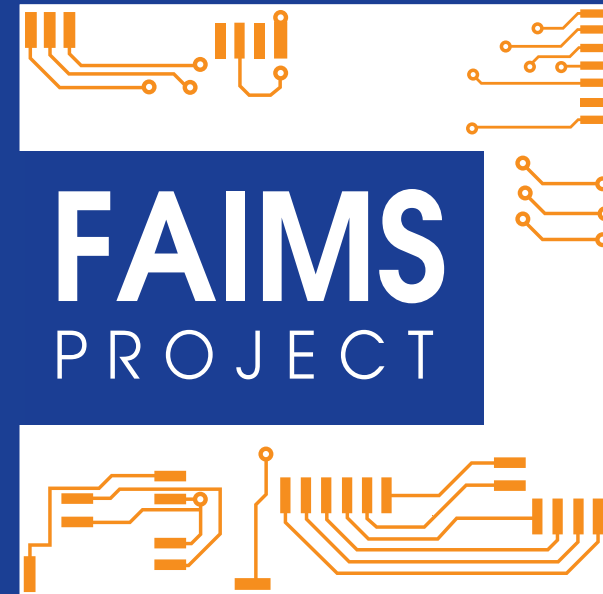


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Creating eResearch tools for
Researchers

Project Overview
Welcome to the FAIMS Platform

What is the FAIMS Project?

The FAIMS project provides a free, flexible, and fully federated information systems for field research disciplines:

- A mobile platform for multi-user data collection that is GIS-capable and works offline;
- Online applications for data editing, analysis, and visualisation; and
- Online data repositories and publication services.

What is the Mobile Platform?

We have developed an Android mobile application to facilitate digital creation of rich field data. This app, in combination with a local or online server, offers the following:

- Offline functionality;
- Customisable to most workflows;
- Usable by many people on multiple devices;
- Mapping / lightweight GIS;
- File management for images, drawings, and other multimedia;
- Ability to track and reverse changes;
- Automated and customisable export; and
- Mapping of vocabularies to shared concepts and URIs, promoting compatible datasets.

What provision is there for Data Accessibility?

The FAIMS Platform allows export to any other data service. Data can be exported to excel, R, ArcGIS, Access, and QGIS. Pictures are managed and renamed automatically, with each picture having its associated

record intrinsically linked with it. Photos and documents can be automatically OCR'd and turned into PDFs for easy searching.

What hardware do I need?

To try the FAIMS mobile application you need a device running Android 6+, wifi and an online or local server. You are welcome to use our public Demo Server, or to contact us for a private and secure server.

What is the FAIMS difference?

Highly flexible, free, and open source applications that incorporate existing tools. We work with your existing project workflows, data models, and terminology. Our platform also facilitates the production of technically and semantically compatible datasets. We are happy to help customise a solution that fits your needs.

Who can use FAIMS?

Anyone and everyone! Archaeologists, geologists, and environmental scientists needing applications for offline digital data field collection are particularly welcome! All of our platform components are open source and there is no cost to use or distribute our software.

How skilled do I have to be?

Trying the FAIMS app is easy. If you are happy with widely applicable off-the-shelf modules, like "Simple Excavation", or "Transect Survey", familiarity with an Android device is all you need. If you are enthusiastic and have an interest in technology, you can deploy and customise the FAIMS Mobile Platform yourself. We happily provide thorough documentation

for DIY. If you want to produce a custom recording module yourself, you can do so using Heurist's web interface. Advanced users can download, modify, and share definition files via Github. FAIMS, and our growing number of affiliates, also offer personalised customisation and deployment support services for a fee.

What else do we offer?

We are now offering a wider array of data services (not just mobile data collection). We can assist research projects with data management, analysis, and dissemination services more generally. In particular, we can ensure that projects meet the new ARC requirements for data management and availability.



Is technical support provided?

Yes, technical support is provided to all FAIMS users on a time-available basis. We have a comprehensive User Guide and wiki. We happily offer premium support who purchase customisation and deployment services from us, and our preferred hardware providers also provide support for the equipment they sell.