

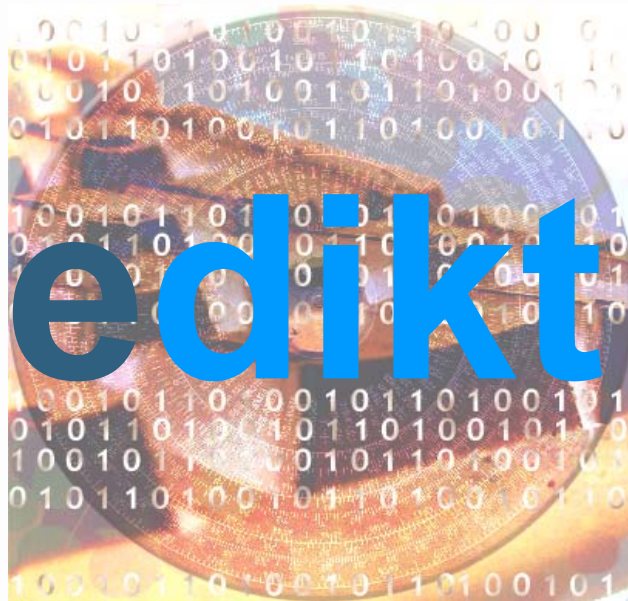
edikt

www.edikt.org

e-Science Data Information and Knowledge Transformation

edikt

Effective management of the flood of data becoming accessible on Grids throughout the world will only be possible if we can provide it with meaningful interpretations. To do this, **edikt** believes that linkage between computer and applications scientists is vital. Based at the National e-Science Centre in Edinburgh, the team is a software engineering group aiming to build these links, producing robust, scalable and usable data management tools that enable new research areas in e-Science.



edikt's goals are to:

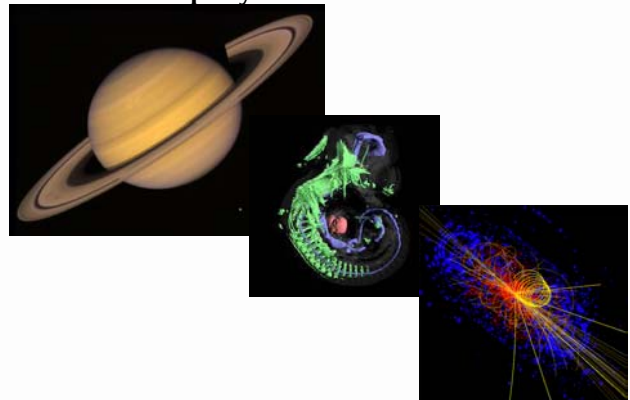
transfer existing research into use in challenging scientific applications, thereby spinning off new research projects as theories are tested;

- work with companies to exploit existing industrial technologies and extend functionality;
- encourage commercialisation of novel techniques developed.

The **edikt** project is funded initially by the Scottish Higher Education Funding Council under their largest Research Development Grant to date.

This underpinning funding allows **edikt** to develop generic spin-off technologies that may have commercial applications in Scotland and beyond in areas such as drug discovery, financial analysis and agricultural development. For this reason, **edikt** has a dedicated commercialisation manager who can push out the knowledge, expertise and software of **edikt** to industry and business.

Realms of inquiry



Initially, **edikt** is addressing e-Science problems in the areas of

- astronomy - looking at data interoperability and portability;
- particle physics - looking at data replication technologies and metadata;
- bioinformatics - looking at data integration, interoperability and accessibility;
- virtual organisations - investigating the general technologies needed to integrate individual organisations into a single virtual entity.

From these areas - and others - **edikt** draws together common requirements, distils common problem areas and engineers generic solutions based on cutting edge computer science.

More information

For more information about **edikt**, please see our website:

www.edikt.org