Center for Humanities Computing Aarhus

Fakultetsledelse

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Research IT supports research with a coordinated set of services across a range of computation and data analysis needs

       IS Research & Development for research

       IS a substantial part of eScience

       NOT IT department (standard service infrastructure & maintenance)

       NOT Educational IT (facilitate learning through IT solutions)

      Center for Humanities Computing is research IT for ARTS

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2020 Activities

Pre COVID-19
  – Preparations for DL & DC
  – User outreach (Project PINC)
  – Consortium for Interactive HPC
  – NDHL, CodeRefinery, Konch, TextDB

First wave
  – Targeted data collection
  – Establishment of two task forces
  – *HOPE* og *Sammen - hver for sig*
  – COVID-19 was a test of critical research IT-infrastructure

Second wave
  – Manage project backlog
  – Support user training (DL & DC)
  – Research-IT for research & education

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Activities at a glance

Research & Infrastructure Funding
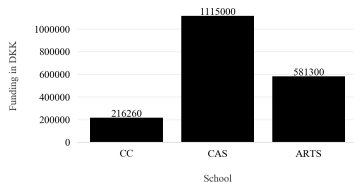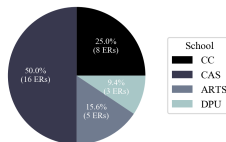

External Research Workflows

Research and infrastructure funding distributed on Schools at the Faculty of Arts from the 17 projects that during 2020 have provided additional funding to CHCAA. ARTS refer to projects that have stakeholders from at least two schools.

Research projects from the *External Research* workflow distributed on schools at the Faculty of Arts. ARTS refer to projects that have stakeholders from at least two schools. Note that *External* is in relation to CHCAA's workflows (see text) and is not directly related the source of funding.

Portfolio management: **R&I funding → depth & core funding → breadth**

User Training & Education

Digital Literacy
- second installment, this time national SSH
- *develop* small self-contained research IT solutions
- AU manages national support team
- recruitment platform!

Digital Curriculum
- challenging newcomer, also national SSH
- *scale* small self-contained research IT solutions to education
- how should CHC respond to social sciences?

αCloud
- develop flexible containerized solutions for Cognitive Science
- in-person modular contribution
- model for employee affiliation?

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Looking ahead

Research IT for Arts
- goal: 'facilitate research excellence with compute in the humanities'
- cloud solution-s for RDM, storage and compute
- grow CHC to a mature research IT center
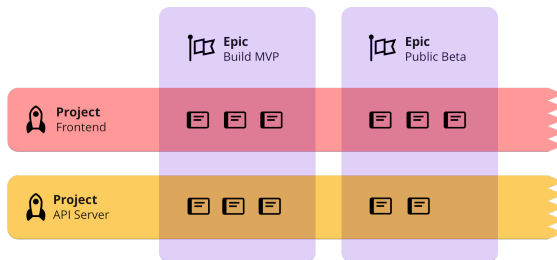
Senior-oriented model
- current model privileges breadth and is not long-term sustainable
- ensure competitive career paths for the best candidates
- flexible positions that combine research, development & education

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Appendix 1: Project Management

Managing multiple research (sub-)projects

Research projects are thin (composed of relatively few epics & stories) and fuzzy (projects bleed into each other)

- maximize tool re-use between within epics (research phases) → invest in flexible tools
- share resources between projects → research collaboration
- accept functional divisions → construct a common vocabulary

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THANKS

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