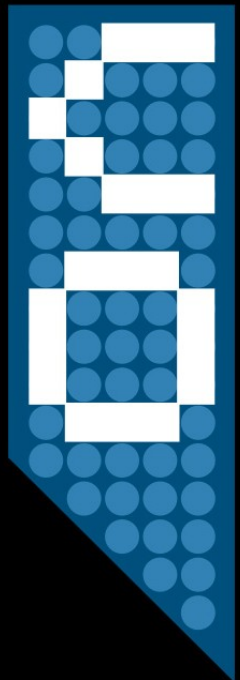


VOTC Science Framework Document

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VOTECH Key Goals

- Complete ALL technical preparatory work required for the construction of the Euro-VO
 - Assess new technologies
 - Designs of new infrastructure components
 - Designs of science driven user tools
 - Trial versions of implementations
- For an EFFECTIVE Euro-VO system design:
 - Usable by end users
 - Thus implementations designed FOR astronomers AND
 - Implementations USED by astronomers
- Format of Grid call indicates that VOTECH is primarily a technology design study
 - Science usage exploits early outputs and informs new designs

Science Reference Document

- Provide a science framework for the Euro-VO technical infrastructure
 - additionally provide science input for continuing VOTECH design and reference implementations
- Inputs
 - AVO SRM
 - Key science drivers from VOTECH partners
- Living Document
 - SAC review and revision
- Development:
 - VOTC Science Team

SRD: Current Status

- Version 1.0 – release June 2006
 - current draft being developed
- Focus on analysis of key drivers from key science topics
 - Extragalactic
 - Galactic
 - Single Object Study
 - Temporal
- Extraction of implications for both science capabilities and operations
 - Science: data, applications, access, speed
 - Operations: complexity, availability, standards

Euro-VO SRD: Key Links

- Euro-VO: <http://www.euro-vo.org>
- Euro-VO: VOTECH project: <http://www.eurovotech.org>
 - Science at
<http://wiki.eurovotech.org/bin/view/VOTech/ScienceTeam>
- Science Framework Document:
<http://eurovotech.org/twiki/bin/view/VOTech/VotcSFD>
 - AVO SRM :
<http://www.euro-vo.org/internal/Avo/AvoSRM/srm.pdf>