

DARE UK (Data and Analytics Research Environments UK)

DARE UK Interest Group (IG) Charter Template

Name of proposed Interest Group: SATRE

The WHY

Introduction:

The SATRE IG is a community-run group managing the *Standardised Architecture for Trusted Research Environments* specification. This includes developing and maintaining the SATRE specification, working with the UK TRE community to ensure all views and voices are included, and working with institutions to help evaluate their own infrastructure against the specification, or to implement a SATRE compliant TRE.

The first public release of SATRE in October 2023 was created as part of the DARE UK Driver Programme. Following extensive engagement it included input from institutions and individuals – including the public - from across the UK and multiple sectors and disciplines. The value of the SATRE specification has been shown by the wide adoption by public, private and international organisations that are planning to use or build upon on it, and that have already suggested areas of refinement. This interest group will actively continue the open-by-default contribution process developed during the creation of the SATRE specification to encourage input from across the TRE community, and, in conjunction with the community will contribute to the DARE UK Transformational Programme – which incorporates updates to SATRE - by collating all views and seeking consensus as far as possible.

Members of the interest group are already providing support to organisations that are evaluating themselves, and are also providing advice to groups building upon SATRE. This will continue to be a core activity. The SATRE specification was originally developed for the UK, but this IG will also look to promote it internationally as is already occurring in the EOSC-ENTRUST consortium which will likely inform the European Health Data Space. The IG will ensure all feedback from international collaborators is shared with the community, enabling a joint decision to be taken on whether this is relevant to UK TREs, and whether it should be incorporated into SATRE.

User scenario(s) or use case(s) the IG wishes to address:

The SATRE specification has a large and active community and this IG will be a fulcrum for all individuals and organisations with an interest to further develop the specification to meet future needs of federation and machine learning/artificial intelligence. This is in part due to the focus on community wide collaboration from the very start of the SATRE Driver Project which ensured everyone felt their contributions were valuable. To ensure the long-term sustainability of the SATRE specification an independent body or group is required to manage and inform its sustainability.

The WHAT

Objectives:

This IG will hold regular community events such as collaboration cafes and targeted outreach events to obtain the views of all TRE stakeholders in the UK, and invites will be extended to international stakeholders.

These views will feed into the DARE UK Transformational Programme which is developing the SATRE specification to include relevance to federated TRE networks and semi-automated statistical disclosure control of AI/ML models. They will also help develop a long-term strategic plan for the governance of the specification, and whether it should be a formal accreditation or take some other form. We will engage accreditation stakeholders to identify potential options for a formal standardisation.

The IG will complement future grant awards to individual institutions or consortia by providing continuity across grants, having the flexibility to investigate new areas highlighted by the community that are outside the remit of an awarded grant, and ensuring representation from beyond any grant holders.

This IG is primarily aligned with the Core DARE UK theme of accreditation of research environments, but inevitably overlaps with all others. For example, SATRE includes public involvement and engagement requirements which helps TREs and the field as a whole to demonstrate trustworthiness through transparency. The ability for TREs to align themselves with an accepted specification – and potential future standard – makes it easier for researchers to move between TREs, TREs to engage in federated activities, data owners to understand the capabilities of different TREs, and the public to have confidence in sensitive data being consistently managed securely.

Outcomes:

In addition to the general aim of providing continuous engagement with UK TRE, DARE UK, and other stakeholders this IG aims to:

- Support the development of v2.0 of the SATRE specification as part of the DARE UK Transformation Programme
- Examine governance models suggested by the community for the SATRE specification, and where appropriate chairing community discussions towards a consensus opinion
- Obtaining widespread input on whether and how SATRE should become an accreditation, and if appropriate beginning discussions with relevant bodies to formalise that

The HOW

Participation/Collaboration:

SATRE is a community accepted specification for nearly all TREs, and is therefore likely to align well with all other DARE UK and UK TRE IGs and WGs. The open collaboration model provides a transparent way to receive and discuss input from everyone. If we identify missing stakeholders we will target outreach at them.

Mechanism:

We will share major announcements and events as widely as possible, including on the UK TRE and SDAP mailing lists. We have a dedicated public SATRE mailing list for more detailed discussions. The public voice will be heard through the same communication channels used for all other discussions, but we will work

with Public Involvement and Engagement (PIE) organisations such as PEDRI or useMyData to ensure public contributions are representative.

We will add additional communication channels if there is demand. All communications will be considered public unless otherwise stated, members of the community are free to share everything without approval.

We will meet monthly, either as a collaboration café, or where appropriate as a more focussed meeting. These will always be open to everyone except for in the unlikely event that a confidential issue has to be discussed.

Potential members:

FIRST NAME	LAST NAME	EMAIL	(Co-)Chair / Member
Christian	Cole	c.cole@dundee.ac.uk	Co-chair
Martin	O'Reilly	moreilly@turing.ac.uk	Co-chair
Simon	Li	spli@dundee.ac.uk	Co-chair
James	Robinson	jrobinson@turing.ac.uk	Co-chair
Andrew	Payne	andypayne@nhs.net	Co-chair
David	Meredith	david.meredith@stfc.ac.uk	Co-chair
Katherine	O'Sullivan	k.k.osullivan@sheffield.ac.uk	Co-chair
Antony	Chuter	chuter@me.com	Co-chair (public member)

We have only listed co-chairs due to the large number of potential members. During the Driver Programme, participation at SATRE Collaboration Café's was often greater than 30 people.

** Note, please do not hesitate to point out gaps in the current DARE UK set of strategic themes and/or recommendations that the programme should consider as it continues to evolve these. Community feedback and input is welcomed.*