

Working Group Charter

This Working Group Charter establishes the Scope and intellectual property terms used to develop the materials identified in this Working Group Charter for the Project. Only Project Steering Members, Associates, and Contributors that Joined the Working Group will be bound by its terms and be permitted to participate in this Working Group.

1. Working Group Name. **KERI WG**
2. Working Group Scope.

The KERI Working Group works primarily to specify and prototype a **Key Event Receipt Infrastructure**.

The working group will

- The core specification will cover the KERI data models, event models, protocols, and functional components necessary to handle structured data about key events in a way that delivers on KERI's functional guarantees. This includes specifications for:
 - Security assumptions and guarantees for KERI-style self-certifying identifiers and prefixes
 - a system for "controller" entities to establish and maintaining control authority over these identifiers
 - A namespace based on these identifiers and prefixes (such as aid:prefix)
 - Components to assemble, verify, and propagate event logs that support the above
- The WG may choose to specify namespace interoperability mechanisms, such as:
 - How KERI can establish and maintain control authority over DIDs (W3C-specified Decentralized Identifiers)
 - A did:keri method specification
 - Best practice implementation guidance for handling KERI-secured DIDs from other DID methods
 - Did:indy:location:keri method specification revisions/extensions
 - Support for the DIF Universal Resolver and other DID resolution and interoperability mechanisms,
 - Interoperability with relevant namespaces or protocols may be added over time, for example, work in the Trusted Computing Group and IETF
- The Working Group may take on additional work items (i.e., specifications, test suites, etc.) distinct from the core protocol that may include:
 - APIs for components that use the KERI core protocol such as Witness, Watcher, Juror, Judge, Validator, Controller. These may be considered part of extensions to the KERI core.
 - APIs, reference implementations, OR specifications for key creation, storage, recovery, and event signing and event validation components that interface with KERI components.
 - APIs for Verifiable Credential components that interface with KERI components.
 - Standards and APIs for Verifiable Data Registries controlled by KERI identifiers.
 - KERI-specific discovery mechanisms for discovering event logs and witnesses based on a given KERI Identifier Prefix, such as a DHT-based discovery protocol
- Compliant implementations of KERI core specification and reference implementations of some supporting KERI services and APIs

Out of scope

- Development of higher-level protocols
- Replacements for adjacent specifications and protocols, for example:
 - W3C Verifiable Credential & Decentralized Identifier specifications,
 - W3C-CCG resolution mechanics specification,
 - DIF credential management specifications (exchange, issuance, etc.), and other uses of the protocols and code that extend beyond the Working Group Scope above
- Verifiable Credential mechanics besides proof of control authority and authenticity verification

3. Copyright Policy. Each Working Group must specify the copyright mode under which it will operate prior to initiating any work on any Draft Deliverable or Approved Deliverable other than source code. The copyright mode for this Working Group is.

■ Creative Commons Attribution 4.0, as set forth in Appendix A,

4. Approved Deliverable Patent Licensing. Each Working Group must specify the patent mode under which it will operate prior to initiating any work on any Draft Deliverable or Approved Deliverable other than source code. The patent mode for this Working Group is:

■ W3C Mode, as set forth in Appendix A,

The assurances provided in the selected patent mode are binding on the Working Group Participant's successors-in-interest. In addition, each Working Group Participant will include in any documents transferring ownership of patents subject to the assurance provisions sufficient to ensure that the commitments in the assurance are binding on the transferee, and that the transferee will similarly include appropriate provisions in the event of future transfers with the goal of binding each successor-in-interest.

5. Source Code. Working Group Participants contributing source code to this Working Group agree that those source code contributions are subject to the Developer Certificate of Origin version 1.1, available at <http://developercertificate.org/>, and the license indicated below. Source code may not be a required element of an Approved Deliverable specification.

■ Apache 2.0, available at <http://www.apache.org/licenses/LICENSE-2.0.html>.

6. Non-Working Group Participant Feedback and Participation. Upon the Approval of the Working Group Participants, the Working Group can request feedback from and/or allow Non-Working Group Participant participation in a Working Group, subject to each Non-Working Group Participant executing the Feedback Agreement set forth in DIF Feedback Agreement.

By the Project

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By the Steering Member/Associate/Contributor

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