2021-09-27 ACDC Meeting Notes

Administration

- We need to complete the final Lead Author assignments in the Deliverables table on the ACDC home page (<5 mins)—Samuel Smith
- We quickly cleaned up the table so that all specs have lead authors.

Terminology

- ACDC Terms Wiki—Drummond Reed
- Steven Milstein reminded us that Daniel Hardman already set up an ACDC terms wiki at https://github.com/trustoverip/acdc-tf-terms/wiki
- Drummond Reed suggested that it be simplified to "acdc-terms/wiki".
- DECISION: We should revise this terms wiki to use the name "acdc-terms".
- ACTION: Drummond Reed to contact Daniel Hardman to rename the repo.

Compact Label Normalization

- Future KERI change to use SAIDs   Revised labels for ACDC that are normalized Samuel Smith
- See screenshot #1 below.

Microledger

- **Robert Mitwicki**
- He gave an explanation of microledgers based on a spec being developed at the Human Colossus Foundation—see screenshots #2 and #3 below.
- It generalizes the idea of a KEL (key event log).
- Samuel Smith agreed that the generalization of event logs is a good idea. His only concern is that when it is generalized, it becomes much easier to make security mistakes. That's why the KERI and ACDC specs are much tighter.
- Robert Mitwicki is planning to give a session at IIW on microledgers.

**Screenshots (for notes above)**

#1

```
1   {
2     "v": "ACDC10JSON00011c_",
3     "d": "EBdXt3gIXOf2BBWNHdSXCJnFJL5OuQPyM5K0neuniccM",
4     "i": "did:keri:EmkPreYpZfFk66jpf3uFv7vklXKhzBrAqjsKAn2EDIPM",
5     "s": "E46jrVPTzlSkUPqGGeIZ8a8FWS7a6s4reAXRZOkogZ2A",
6     "a": {
7       "d": "EgveY4-9XgOcLxUderzwLIr9Bf7V_NHwY1lkFrn9y2PY",
8       "i": "did:keri:EQzFVaMasUf4cZZBKA0pUbRc9T8yUXRFLyM1JDASYqAA",
9       "dt": "2021-06-09T17:35:54.169967+00:00",
10      "ri": "did:keri:EymRy7xMwsxUelUauaXtMxTfPAMPAI6FkekwlOjkggt",
11      "LEI": "254900OPPU84GM83MG36",
12      "t": [
13        "VerifiableCredential",
14        "LegalEntityvLEICredential"
15      ]
16    },
17    "p": [
18      {
19       "qualifiedvLEIIssuervLEICredential": {
20        "d": "EIl3MORH3dCdoFOLe71iheqcywJcnjtJtQIYPvAu6DZA",
21        "i": "Et2DOOu4ivLsjpv89vgv6auPntSLx4CvOhGUxMhxPS24"
22       }
23      }
24    ]
25  }
```
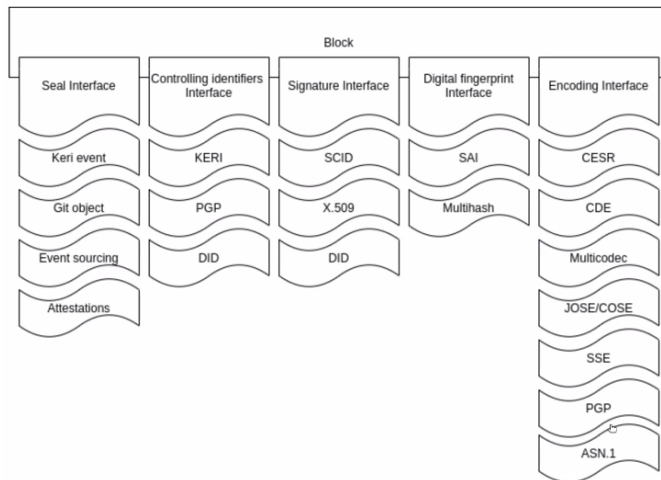
#2

Concept

Microledger consists of fundamental building blocks called blocks. Each next block is bound to the previous block by including its cryptographic digest content.
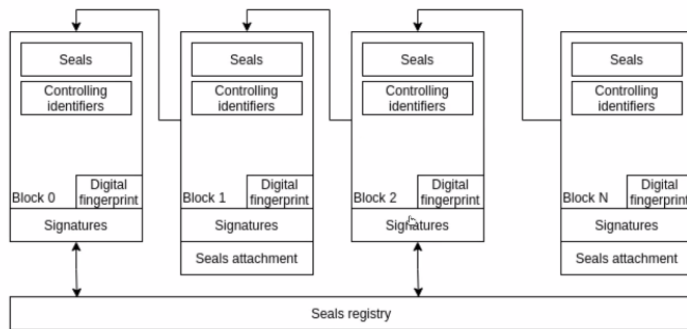
#33

GLEIF VLEI update Phil Feairheller

ACDC Sessions

- Proposed sessions
  - GLEIF vLEI: Distributed Multi-Sig Chained Credentials using KERI and ACDC — Phil Feairheller and Kevin Griffin
  - What is ACDC? — Samuel Smith
    - KERI and ACDC Technical Session
    - Covers all the contributing specs
  - Why ACDC? (And Why Not _____?) — Robert Mitwicki
    - This would include A Feature Comparison Table
  - Secure Attribution with KERI: How it Fixes the Broken Internet — Samuel Smith
  - Practical Introduction to KERI: How Can I Actually Use it Today?
- Related Sessions
  - GLEIF vLEI
  - Zero Trust Data Management BADA RUN vs CRUD: discovery and authorization mechanisms Samuel Smith
  - MicroLedger Robert Mitwicki

<next>