

Use cases for RATS WG
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draft-richardson-rats-usecases-03

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The next twenty minutes (or so)

- How we got here
- Where we are
- Where is it going?
- Discussion
- An end goal vision

History of Document

Initial -00 (minutes before deadline)
-01 posted this week
-03 posted just before virtual interim
-04 posted on Tuesday
personal submission

Intended status:
not published as RFC!!!
for WG internal use

Maybe: publish as appendix of some TBD document.

Looking for new additions.

I prefer to talk to you (voice, in person) and paraphrase
rather than read your confidential document.

The document so far

- ~13 use cases
- ~4 categories
 - Device Capabilities/Firmware
 - Cryptographic Key
 - Geographic
 - Connectivity
- A survey of identified users
 - Trusted Computing Group
 - FIDO (Fast IDentity Online)
 - Android Keystore
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- Examples from existing systems
 - Android Keystore
 - Windows 10 TPM
 - Yubikey

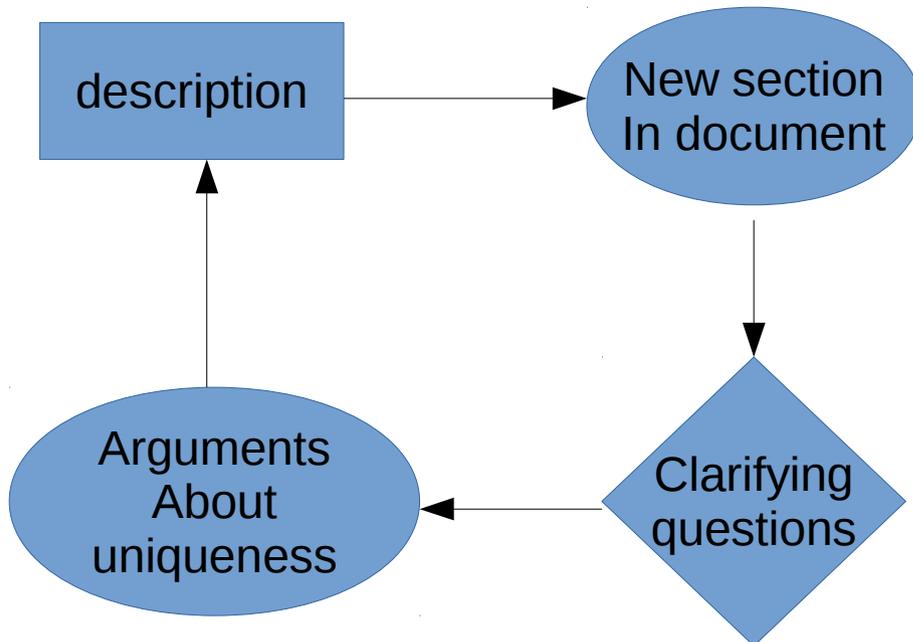


Do we want examples?
Do we want So many details?

Where is it going?

- Add new ideas/claims
 - Dr. Ian Oliver has three:
 - Supply Chain,
 - Dynamic Systems
 - Data (Calibration?)
- I will be quite liberal in what is accepted. I prefer to
 - take text/ideas
 - get agreement that it accurately describes situation
 - Then.. argue about whether or not it is unique

- Sort ideas by different dimensions
 - Jessica Fitzgerald-McKay has proposed
 - Information that is being attested to
 - Geographic
 - connectivity
 - Other dimensions welcome!
- Categories are useful as primary keys for designing solutions, but this is not an ontology.
 - Remember the platypus!



By Klaus - Flickr: Wild Platypus 4, CC BY-SA 2.0, <https://commons.wikimedia.org/w/index.php?curid=32551315>

Discussion

?

Final vision for document

- Use case name: Twelve Monkeys
- Who will use it: Army of the Twelve Monkeys SDO
- Attesting Party: James Cole
- Relying Party: Dr. Kathryn Reilly
- Description: James Cole must convince Dr. Reilly he is from the future, and not insane.
- Claims used:
 - OEM Identity
 - Age Claim
 - Location Claim
 - Uptime Claim