Smart Contracts Working Group

This group is not currently active. If anyone is interested in restarting activities and discussions in these groups, please feel free to do so. You can find a link on this page to the group’s mailing list. Feel free to subscribe to the list and introduce yourself and post any thoughts, questions or suggestions you have about the group. If there is interest in reactivating the group, we can relaunch it if there is interest from group members in doing that.

Charter

Please see Charter for the full text of the charter.

Scope

The scope is to define concepts regarding smart contracts and to produce material to describe the various aspects and meanings, trying to come up to standards or good practices. The audience for smart contracts is large and spans from researchers, developers, businessmen, decision makers, policy makers, law makers, software users, citizens to governments, banks, financial institutions, insurance providers, etc.

Two main research topics and separation of interests are:

1. **Technology oriented**
   a. Models of and mechanism for computation
   b. Formal guarantees on outputs of smart contracts
   c. Smart contract packaging, code reuse, and dependency auditing
   d. Generation of smart contracts from existing artifacts (natural language, business process, state machines, non-smart-contract code)
   e. Data structures and state
   f. Privacy
   g. Tooling and compilers for existing virtual machines
   h. Design Patterns for Smart Contracts
   i. Upgradeability of smart contracts

2. **Law oriented**
   a. Smart contracts as representatives of obligations and fulfillment
   b. Smart contracts law enforcement cascading actions

Please see Extended Scope for an extended version of Technology and Law topics.

Meetings

How to Get Involved

Please see Work Products and Links to Ongoing Work.

Please visit the chat channel https://chat.hyperledger.org/channel/smart-contracts-wg.

Contact WG chair Sofia Terzi

TSC Working Group Updates

2019 Q2 Smart Contracts Working Group

2019 Q3 Smart Contracts WG

2019 Q4 Smart Contracts WG

New TSC Working Group Update

Communication Channels

These are the mechanisms that this working group uses to communicate.

**Mailing List**

https://lists.hyperledger.org/g/smart-contracts-wg

smart-contracts-wg@lists.hyperledger.org

• Subscribe
• Archives

**Chat Channel**

#smart-contracts-wg
All Hyperledger meetings are run covered by the following Antitrust Policy and All are Welcome in the Hyperledger Community.

Teleconference bi-weekly on Wednesday 3 PM GMT time. See the Calendar of Public Meetings for the next meeting and dial in details.

**Meeting Agendas**

Please see Meeting Agendas.

**Meeting Notes**

Please see Meeting Notes.

**Links to Ongoing Work**

**Work Products**

**Links to Completed Work**

Smart Contracts Taxonomy Categories Ver 1.0

**Links to External Resources**

Please see Links to External Resources.

**Announcements**

Recent space activity

- **Boulevard Aladetooyinbo**
  - Smart Contracts Working Group commented Feb 10, 2021

- **David Boswell**
  - Smart Contracts Working Group updated Jan 12, 2021 view change

- **Ry Jones**
  - Smart Contracts Working Group updated Nov 14, 2020 view change

- **Sofia Terzi**
  - Smart Contracts Working Group updated May 22, 2020 view change

- **Kelly Cooper**
  - Whitepaper - Interoperability Supported by Smart Contracts in Hyperledger Framework updated Apr 25, 2020 view change

- **Space contributors**
  - David Boswell (1263 days ago)
  - Ry Jones (1322 days ago)
  - Sofia Terzi (1499 days ago)
  - Kelly Cooper (1525 days ago)
  - Charlie Wolfsandle (1528 days ago)
  - ...