

October 28, 2019

Town Hall #46



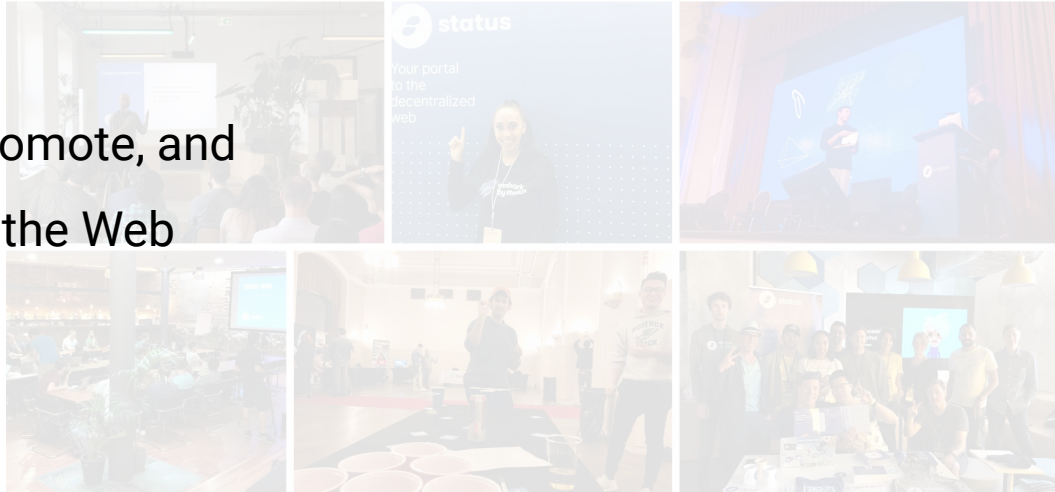
Status Ambassadors



What is the Ambassador Program?

The Status Ambassadors are a group of passionate people from all over the world who help grow the community, educate new members, and spread the words about Status.

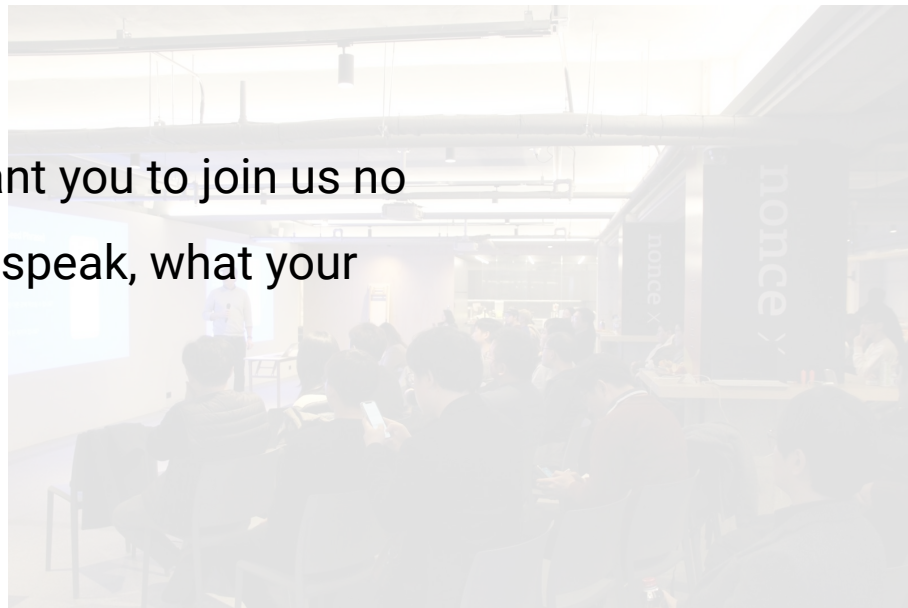
The ambassadors build, educate, promote, and contribute to the next generation of the Web together.



Join us in our mission

We all work towards the goal of sovereign, open societies under the guidance of our 10 Principles.

If you share this same enthusiasm, we want you to join us no matter where you are, what language you speak, what your interests are, or where you come from.



Benefits



Funding

Receive funding to host meetups, workshops, and projects



Access & Support

Help from core contributors & biweekly newsletter



Rewards

Get some cool Status swag and earn SNT



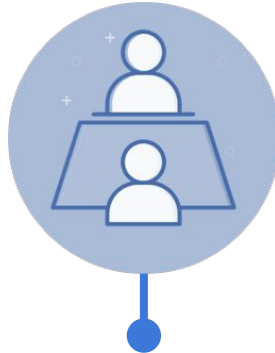
Build the Future

Active contribution in building the next generation of the internet

Become an ambassador

Application (Form)

High-level questions



Interview

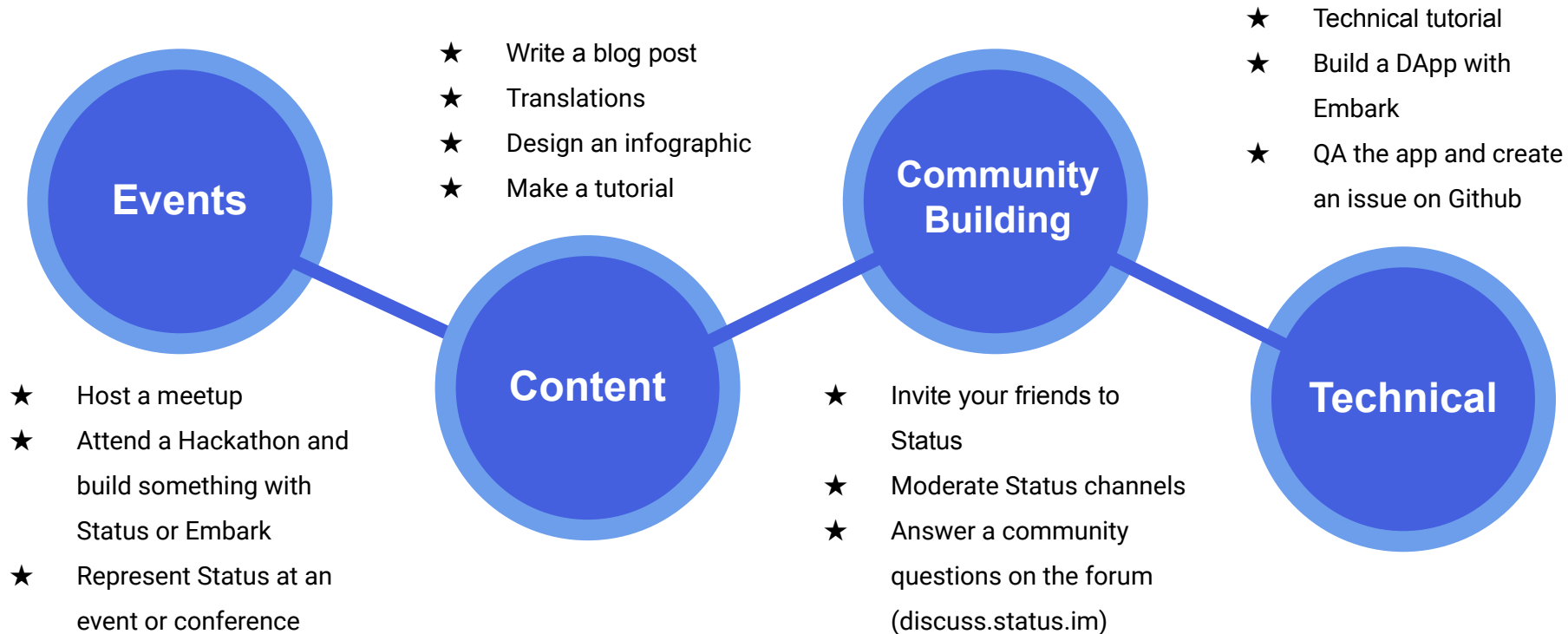
A call with a Status team member
(conversations via email or written form are available)

Complete your tasks

NFT badge & Welcome kit



Tasks (examples)

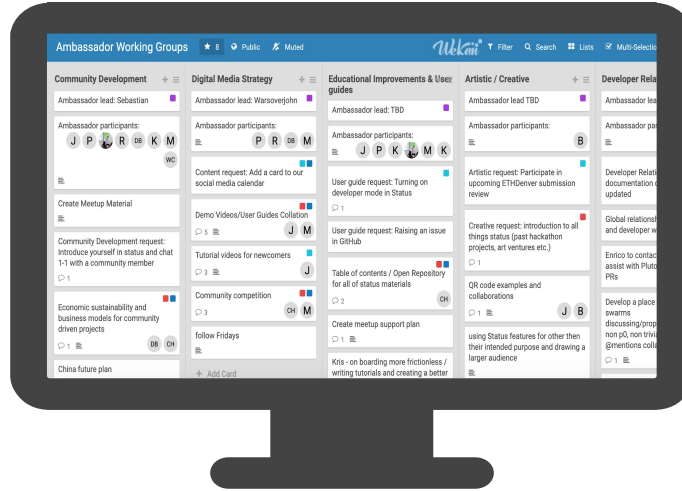


Tasks Management



Tasks

Create your tasks or take part in existing tasks on the [Wekan board](#)



Wekan



Complete

Kudos Dapp & Social recognition

Let's get it started

Application Form : <https://forms.gle/3uCdLderT6N1puUz7>

Wekan : <https://boards.status.im/b/fchXE6x3kCqbs7RHL/status-ambassador-tasks>

Website : <http://ambassador.status.im>

Contact us

Email : jinho@status.im

Status public chat : <https://get.status.im/chat/public/statusphere>

Pops Update



People Ops

Hiring

 Looking for your referrals/suggestions for:

- Mobile UI Engineers - 2 month contract
- Technical Marketing Manager
- Technical Copywriter
- Security Engineer

https://status.im/contribute/open_positions.html for full details.

Shout out

Thanks everyone for your help on the Q3 report - watch this space

New joiner

A warm welcome to 🎉:

Stefano Tolomeo
Quantitative Analyst



Core Update V1 Progress



Core



ETA: End of Nov

Progress/changes since last Town Hall:

- Conclusive research into PNs on iOS/Android
 - Successful POC for Android
 - [Decision made](#) to disable PNs for v1
- V1 release backlog progress
 - 41 total issues open across repos
 - 11 Key Card; 30 Core
 - Decision required for [proof of ownership](#)
- V1 audit progress
 - Currently < 10 open reports that must be fixed
- Shout out awesome contributors! @tbenr, @bitsikka, @alexjg, @acolytec3...

Team Members: Rachel, Andrey, Vitaliy, Eric, Pedro, Andrea, Adam, Tetiana, Serhii, Volodymyr, Roman, Andre

Relevant Links

- [Status-go v1 scope](#)
- [Core UI project board](#)



Security and Infrastructure Updates



Security Updates

- **Status Mobile V1 audit with Trail of Bits:**
 - We are in our last week of scheduled audit!
 - This week is more fuzzing and KRF (fault injection) attempts
 - 30 issues so far:
 - 3 high
 - 4 medium
 - 6 low
 - 17 informational/documentation/questions
 - We will make all issues public once > high have been addressed
- **Negotiating renewal contract with HackerOne**
 - Once finished, will set roadmap to public bounty campaign
- **Bitwarden 2FA**
 - If you are a member of the bitwarden organization, please set-up 2FA now!

Infrastructure Updates

- **IMPORTANT: Please setup 2FA for Docker Hub**
 - <https://www.docker.com/blog/designing-docker-hub-2fa/>
 - Sent out an email to all our org members
- Deployed <https://ambassador.status.im/> with its own CI setup
- Deployed <https://forum.vac.dev/> with a Discourse instance for Vac P2P
- Modified SourceCred to collect data for all organizations together
 - <https://sourcecred.status.im/timeline/all-orgs/>
- Implement Whisper peers metrics in `status-go` split by platform and version
 - <https://github.com/status-im/infra-misc/issues/26>
- Deployed InfluxDB for benchmark metrics of `status-go`
 - <https://github.com/status-im/infra-ci/issues/10>
- Re-indexing all logs in ElasticSearch to reduce number of shards
 - <https://github.com/status-im/infra-hq/issues/9>

Keycard update



Keycard

Integration with Status

- Prioritization of issues in Github ongoing [here](#)
- High severity issues that prevent using Keycard
 - Wallet: no account balance (0 eth) fetched
 - Recovery of a multi-account on keycard bugged
- Design review ongoing
- Andrei working on enhanced card interaction model
 - Better UX
 - Consistent with iOS interaction NFC model

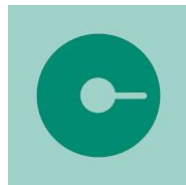


Swift SDK released



Gnosis Safe integration released publicly

- Personal edition
- Keycard as a 2FA authentication signature on their multisig wallet
- Android & iOS



Payment network for Keycard

Keycard 3.0 released

- Integrates a new, separate javacard applet
 - Signs transaction pinless
 - Private key generated in factory
 - Facilitates payments scenarios, card can be used straight away without initialization



Research phase

- L2 scaling tech choice
 - Collaborating on a decision matrix
 - Timeline to take decisions in about 2 weeks
- Application layer requirements and spec
 - Collaborating [doc](#) in progress



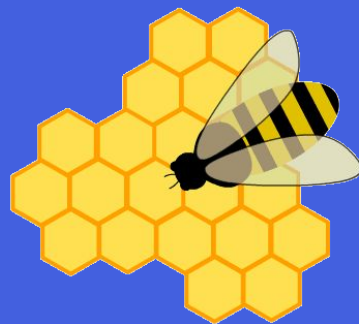
Request screen

- Specification defined [here](#)
- Implementation ongoing

Marketing Manager - Keycard position opened



Swarm Updates



Status Teller Network



Research

Specification

Implementation

Progress/changes since last Town Hall:

- Redesign
- UX changes
- Functionality changes (based on real-user feedback)

Team Lead: Iuri Matias

Team Members:

Jonathan Rainville

Richard Ramos

Simon Rico

Hester Bruikman

Relevant Links

- status-im.github.io/status-teller-network/rinkeby/
(storybook & Rinkeby DApp)
- status-im.github.io/status-teller-network/ropsten/
(Ropsten DApp)



Embark update



Problems

- Syncing contract events and data is hard
- DApps needs to retrieve the data all over again when page refreshes
- Lack of reactivity / needing to refresh page
- Hard to do simple queries, and existing known data is not re-used

Solution?



SUBSPACE

- Track events, variables, functions, and balances
- Sync and resume loading of contract events on `localStorage`
- Reactive programming with RxJS observables

```
$ npm i @status-im/subspace
```



```
const rxEscrow = subspace.contract(escrowContract);
```

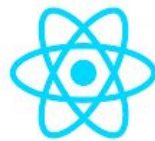
```
const rating$ = rxEscrow.events.Rating.track({  
  filters: {  
    buyer: buyerAddress  
  }  
});
```

```
rating$.pipe(average).subscribe(averageRating => {  
  console.log("the average rating is " + averageRating);  
});
```



SUBSPACE

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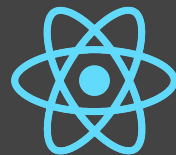


React

```
import {observe} from "@status-im/subspace/react";

const ProductComponent = ({maxRating, minRating}) => {
  return <ul>
    <li><b>minimum rating: <b> {minRating}</li>
    <li><b>maximum rating: </b> {maxRating}</li>
  </ul>;
};

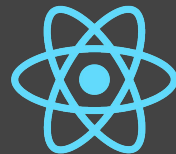
export default observe(ProductComponent);
```



```
const Product = subspace.contract({abi, address});

const $rating = Product.events.Rating.track().map("rating");

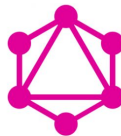
ReactDOM.render(
  <ProductComponent
    maxRating={$rating$.pipe($max())}
    minRating={$rating$.pipe($min())}
  />,
  document.getElementById('hello-example')
);
```





SUBSPACE

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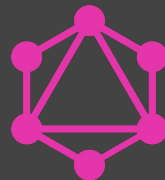


GraphQL

```
const typeDefs = `
  type MyRating {
    upvotes: Int
    downvotes: Int
  }
  type Query {
    myRating: MyRating!
  }
`;
```

```
const resolvers = {
  Query: {
    myRating: () => rxEscrow.events.Rating.track().pipe(average)
  }
};
```

```
const schema = makeExecutableSchema({ typeDefs, resolvers });
```



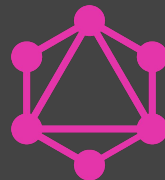
```
const typeDefs = ...
```

```
const resolvers = ...
```

```
const schema = makeExecutableSchema({ typeDefs, resolvers });
```

```
const query = gql`  
  query {  
    myRating {  
      upvotes  
      downvotes  
    }  
  }  
`;  
;
```

```
graphql(schema, query).subscribe(data => {  
  console.log(data);  
});
```





```
npm i @status-im/subspace
```

Source code

<https://github.com/embark-framework/subspace>

Documentation

<https://subspace.status.im>



Q&A



#status-townhall-questions

Q1: Please explain Status' roadmap after V1 release and when will V1 be released?

