

May 2019 Dev team retreat purpose, goals, and agenda

Purpose

Our goal in meeting in-person is to enjoy sharing the same time and space as a team and to effectively use the benefits of being in the same time and place to have productive conversations and make the decisions required to complete the delivery of Mercury and mainnet launch.

Goals

We recognize three "big rocks" in our path to mainnet launch:

- **Validation:** completing decisions needed for how the validation protocol works, slashing, and rewards/economics
- **Blockchain usability:** deciding on how to address issues related to bloat in the tuplespace, block merging, Rholang, and performance
- **Mainnet launch:** affirming plans for launch acceptance criteria and the launch protocol, establishing hardening requirements, and deciding on a hardening plan

Our goals during this week are to discuss and make decisions about our "big rocks" in a variety of all-hands and breakout sessions. We define success as having clarity and documentation our decisions and plans such that everyone knows what to do and how to do it to complete the delivery of Mercury and the mainnet launch.

How to use this agenda

The **agenda chart** provides a quick view of planned topics and when we plan to address them.

The **detailed agenda** provides a richer description of the topic, success criteria for the session, and who is required to be there.

Agenda chart

	Mon, 6 May	Tues, 7 May	Wed, 8 May	Thurs, 9 May	Fri, 10 May			
9:00	Something fun	A developer's experience: UX of RNode and Rholang	Block merging: conflict resolution without replay	Misc working sessions	Review of hardening plan	Sprint planning for Node	Misc working sessions	
10:00		Validation walkthrough: protocol, bonding, rewards, and slashing	Validation working session	Misc working sessions	Improving Rholang debugging	Node backlog review & Misc working sessions	Sprint planning for Rholang	Misc working sessions
11:00		Lunch	Lunch	Lunch	Lunch	Sprint planning for SRE	Misc working sessions	
12:00		Lunch	Lunch	Lunch	Lunch	Sprint planning for SRE	Misc working sessions	
13:00	Reflection and organize for the future	Bloat in the tuplespace: What do we know? How can we address?	Validation working session	Multisig vaults: review of plan and decision-making	Rholang - What changes should we make before Venus?	Misc working sessions	End	
14:00		Validation working session	Misc working sessions	Sprint planning for RSpace	Misc working sessions			
15:00	Mercury criteria	Hardening requirements (link)	Validation working session	Misc working sessions	Sprint planning for RSpace	Misc working sessions		
16:00	Dinner	Dinner	Dinner	Dinner	Dinner	Community testing		
17:00	Breakout: Mainnet launch protocol	Breakout	Breakout	Consensus sprint planning	Breakout			
18:00								
19:00								
20:00								
21:00								
22:00								
23:00								

Agenda detail

Date, time	Session title	Success criteria	Who must be there
Mon. 09:00-14:00	Something fun	We've blown off some team and spent time not building a blockchain platform.	Anyone who's in town.
Mon. 14:00-17:00	Reflection and organize for the future	We've reflected on what's worked and what hasn't over the past few months. We've discussed and come to an agreement on any changes we'd like to make in how we work going forward.	Everyone
Mon. 17:00-19:00	Mercury criteria	We've reviewed and updated the features doc	Everyone
Mon. 19:00-21:00	Dinner		Everyone
Mon. 21:00-22:00	Mainnet launch protocol	We review the mainnet launch timeline and protocol and document any changes.	Greg, Kent, Artur, Ovidiu, Sebastian, Adam, Tomáš
Tues. 09:00-10:00	A developer's experience: UX of RNode and Rholang	Artur shares his experience. We discuss and document opportunities for improvement.	Everyone
Tues. 10:00-12:00	Validation walkthrough: protocol, bonding, rewards, and slashing	Kent walks through the validation protocol. We discuss and document changes. There is clarity for the work to do during the week.	Everyone
Tues. 12:00-14:00	Lunch		
Tues. 14:00-16:00	Bloat in the tuplespace: What do we know? How can we address?	We continue the conversation about this performance and platform usability issue. We discuss options and document our action plan.	Greg, Artur, Ovidiu, Dom, Lukasz, Timm
Tues. 14:00-17:00	Validation working session	This is a working coding session to implement the validation protocol. Specifics determined in the morning session.	Kent and Pawel
Tues. 17:00-19:00	Hardening requirements	We have a document with the requirements for hardening the platform.	Everyone
Tues. 17:00-19:00	Dinner		
Tues. 21:00-22:00	Breakout	TBD	TBD
Wed. 09:00-11:00	Block merging: conflict resolution without replay	We have a documented description of the issue and a plan for how to resolve.	Greg, Kent, Artur, Ovidiu, Dom, Lukasz, Timm
Wed. 09:00-11:00	Misc working sessions	SRE team investigates how to meet the hardening requirements. Other teams work TBD.	Adam and Tomáš
Wed. 11:00-13:00	Validation working session	This is a working coding session to implement the validation protocol. Specifics determined in the Tues. morning session.	Greg, Kent, and Pawel
Wed. 11:00-13:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Wed. 13:00-15:00	Lunch		
Wed. 15:00-17:00	Validation working session	This is a working coding session to implement the validation protocol. Specifics determined in the Tues. morning session.	Greg, Kent, and Pawel
Wed. 15:00-17:00	Multisig vaults: review of plan	Walkthrough of current proposal. Document of an action plan for implementation.	Artur, Ovidiu, Timm, Chris
Wed. 17:00-19:00	Validation working session	This is a working coding session to implement the validation protocol. Specifics determined in the Tues. morning session.	Greg, Kent, and Pawel
Wed. 19:00-21:00	Dinner		
Wed. 21:00-22:00	Breakout	TBD	
Wed. 21:00-22:00	Consensus sprint planning	Documented plan for consensus and validation for upcoming sprints.	Kent, Pawel, and Kelly
Thurs. 09:00-11:00	Review of hardening plan	SRE team will share recommendations. Documented decisions for how to achieve hardening requirements.	Everyone
Thurs. 11:00-13:00	Improving Rholang debugging	Review of https://rchain.atlassian.net/browse/RCHAIN-3219 . Decisions made for what to do and how.	Artur, Ovidiu, Timm, and Greg
Thurs. 11:00-13:00	Node backlog review	Groomed and prioritized backlog	Sebastian, Pawel, and Kelly
Thurs. 11:00-13:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Thurs. 13:00-15:00	Lunch		
Thurs. 15:00-17:00	Rholang: What changes should we make before Venus?	Document breaking and/or compatible changes to make to Rholang before Venus.	Greg, Artur, Ovidiu, Chris, Timm
Thurs. 15:00-17:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Thurs. 17:00-19:00	Sprint planning for RSpace	Groomed and prioritized backlog	Dom, Lukasz, and Kelly
Thurs. 17:00-19:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Thurs. 19:00-21:00	Dinner		
Thurs. 21:00-23:00	Breakout	TBD	
Fri. 09:00-11:00	Sprint planning for Node	Groomed and prioritized backlog	Sebastian and Kelly
Fri. 09:00-11:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Fri. 11:00-13:00	Sprint planning for Rholang	Groomed and prioritized backlog	Artur, Ovidiu, Timm, and Kelly
Fri. 11:00-13:00	Misc working sessions	TBD based on previous discussions and needs.	TBD
Fri. 13:00-15:00	Sprint planning for SRE	Groomed and prioritized backlog	Adam, Tomáš, and Kelly
Fri. 13:00-15:00	Misc working sessions	TBD based on previous discussions and needs.	TBD