

Hey everyone, this is Ian from the Espresso Systems team.

As some of you know, Espresso Systems has been working closely with the Offchain Labs team on developing Decentralized Timeboost, a modified first come-first serve builder protocol.

Today, we're excited to release a [blog outlining the R&D roadmap for Decentralized Timeboost](#). We are developing decentralized Timeboost alongside the Espresso Sequencer, and are prioritizing its compatibility with the sequencer.

In the blog, we describe some design considerations for Decentralized Timeboost based on internal discussions and discussions with the Offchain Labs team. We also outline a milestone-based roadmap:

- Milestone 1. Offchain Labs and Espresso Systems collaboratively begin discussions around Decentralized Timeboost's design and present initial design considerations to the Arbitrum community. (shared in this post!)
- Milestone 2. Espresso Systems is building an Espresso Sequencer integration with the Arbitrum technology stack in our upcoming testnet (Gibraltar) to demonstrate technical compatibility and allow developers to experiment with a live demonstration of the Espresso Sequencer. (coming in January!)
- Milestone 3. Both teams' research teams are undertaking R&D efforts around Decentralized Timeboost. During this period, we are continuing to scope out Decentralized Timeboost's desired properties. We are aiming to finalize the architecture and technical specifications for a decentralized Timeboost.
- Milestone 4. Decentralized Timeboost is in development as a module supporting integration with the Espresso Sequencer. After developing the protocol, we aim to test it and ensure it is ready for a production deployment.
- Milestone 5. After development and testing, we will make the decentralized Timeboost builder protocol available to rollups using the Espresso Sequencer.
- Milestone 6. Bring Decentralized Timeboost and shared, decentralized sequencing to all of Ethereum

The next milestone in this roadmap is for the Espresso Systems team to release an integration between the Espresso Sequencer and the Arbitrum technology stack. We are planning on releasing this in our next testnet. Stay tuned for updates.

Tomorrow, we're co-hosting an [AMA with Offchain Labs](#) on Decentralized Timeboost at 10am Eastern. In this discussion we'll give an update on our progress, discuss the various design considerations, cover what's next and answer any open questions the community may have.

Please let us know if there are any thoughts or questions around Decentralized Timeboost's roadmap! We'll use this forum thread for progress updates and discussion.

Ian