

Besu Roadmap & Planning

The Zenhub has up-to-date Epics that Besu development is targeting over various releases. See the roadmap tab on the Public Zenhub here: <https://app.zenhub.com/workspaces/hyperledger-besu-61fc06f457da1c0017f6347d/roadmap>

This document represents the current working roadmap for Besu. It is a living document, which will evolve and change over time. In particular the features in later versions are likely to change.

We use the approach of #now, #next, #later used by foursquare, with a slightly different time horizon. Our #now scale is about 3 months, #next about 6 months, and #later is 12+ months.

The enterprise roadmap is currently led by [Matthew Whitehead](#) from Kaleido. To discuss the enterprise roadmap items reach out to [matthew.whitehead](#) on the [Hyperledger discord server](#).

	Public Roadmap	Enterprise Roadmap
Now	Node Operator Experience <i>Related releases 24.1.x</i> <ul style="list-style-type: none">- Bonsai-friendly Archive Mode- Besu as the Linea client- Sync improvements, speed & robustness- Besu as a Snap Sync Server- Verkle Trie ongoing development- Cancun delivery, Prague scoping/prep <i>Related releases 24.4.x</i> <ul style="list-style-type: none">- Public / Private network feature parity (sync!)- Codebase cleanup for better multi-use-case- Packaged PoS images for Mainnet with neatly integrated CL client- Revitalized plug-in strategy, technical documentation	Reduce unnecessary storage <ul style="list-style-type: none">• Empty-block period Bonsai + QBFT support <ul style="list-style-type: none">• Reduce storage requirements• Improve performance Performance <ul style="list-style-type: none">• Explore QBFT performance bottlenecks and improvements
Next	Developer Experience <i>Related releases 24.7.x</i> <ul style="list-style-type: none">- Besu as a customizable L2/L3 sequencer- Besu on more Layer 2 networks- Prague: dev/test/ship- Verkle Trie ongoing development- Modularity of the protocol schedule- Ongoing performance work	Bonsai archive <ul style="list-style-type: none">• Part of the journey towards Bonsai replacing Forest DB• Make Bonsai an option for retrieving state at arbitrary blocks in the chain Modularity/Enterprise release <ul style="list-style-type: none">• Release that removes unnecessary features and packages<ul style="list-style-type: none">◦ POS◦ POW◦ Tessera? (possibly optional)◦ Public chain profiles◦ ...

Later

Prague Fork, Client Evolution

Related releases 24.10.x

- Prague: dev/test/ship
- Verkle Tries:
- Light client exploration
- Besu as a customizable L2/L3 sequencer
- Modularity everywhere
- Ongoing performance work

Ongoing Protocol Research

- Besu as an Ethereum reference client in Java
- Verkle Tries
- History / State Expiry research
- Portal network PoC / EIP-4444