

## CASE STUDY

# Transitioning from an L1 to L2



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Devcon SEA  
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Best of **CELO**



Best of celo



Best of **CELO**



Best of **CELO**



Best of **CELO**

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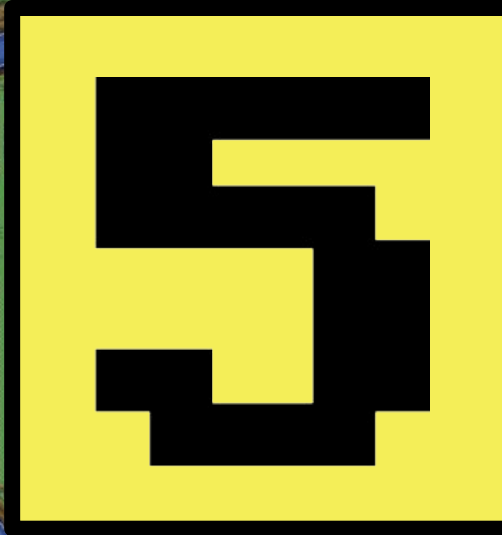
**ETHEREUM**



We hope that Celo will become the case  
study for others to follow







5 Learnings From Our Journey



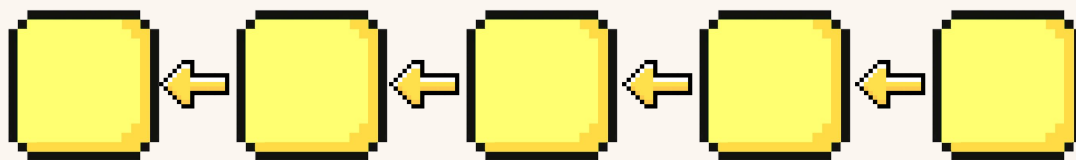


Learning

1



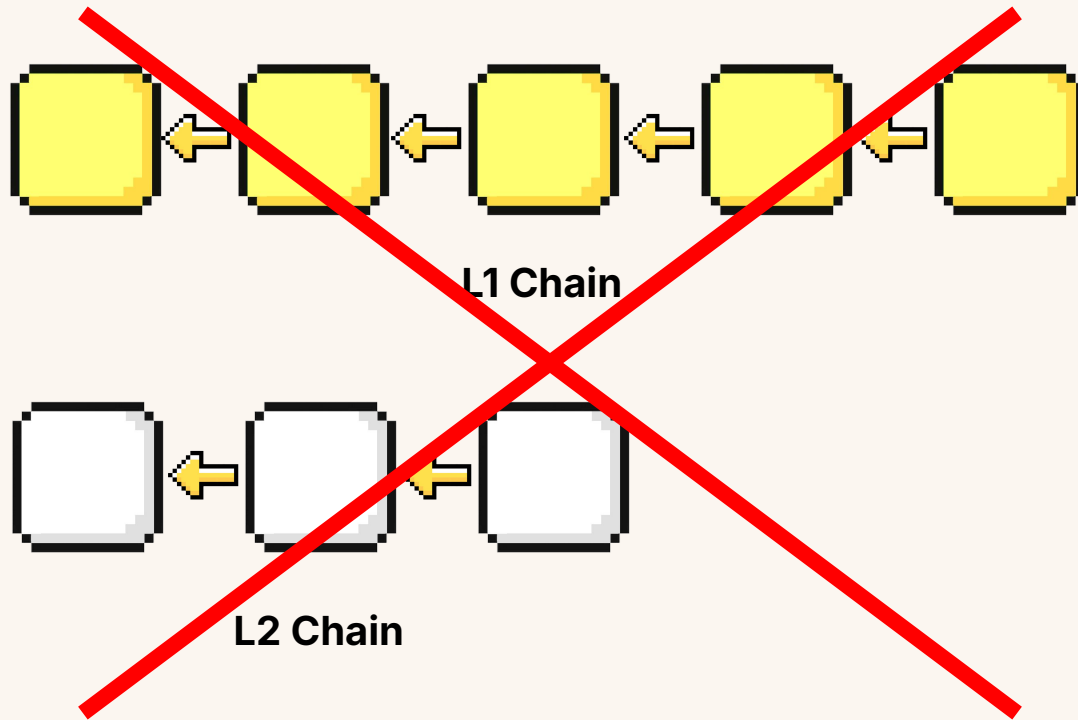
Transition via Hardfork

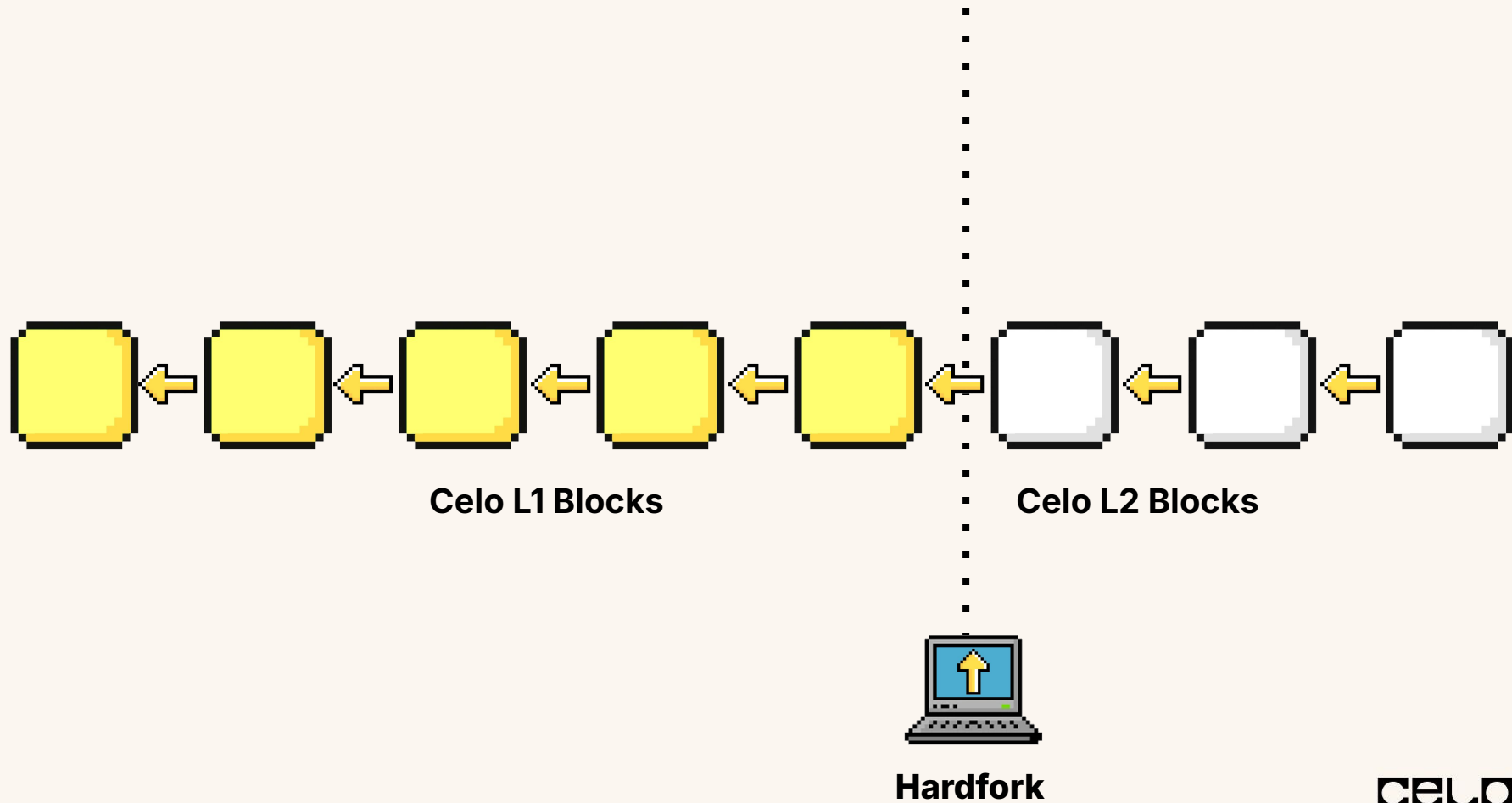


L1 Chain



L2 Chain







Hard forking to an L2 is hard!

# Hardfork



# Hard Hardfork



**Hard** Hardfork





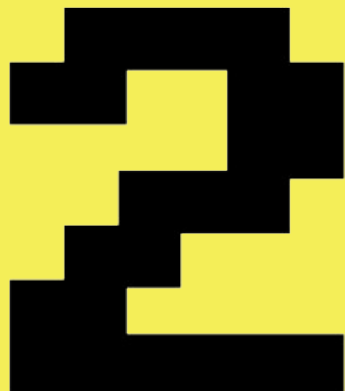


Only fullnodes need to  
upgrade



Less work for users and dapp  
builders!

Learning







Use an existing L2 Stack



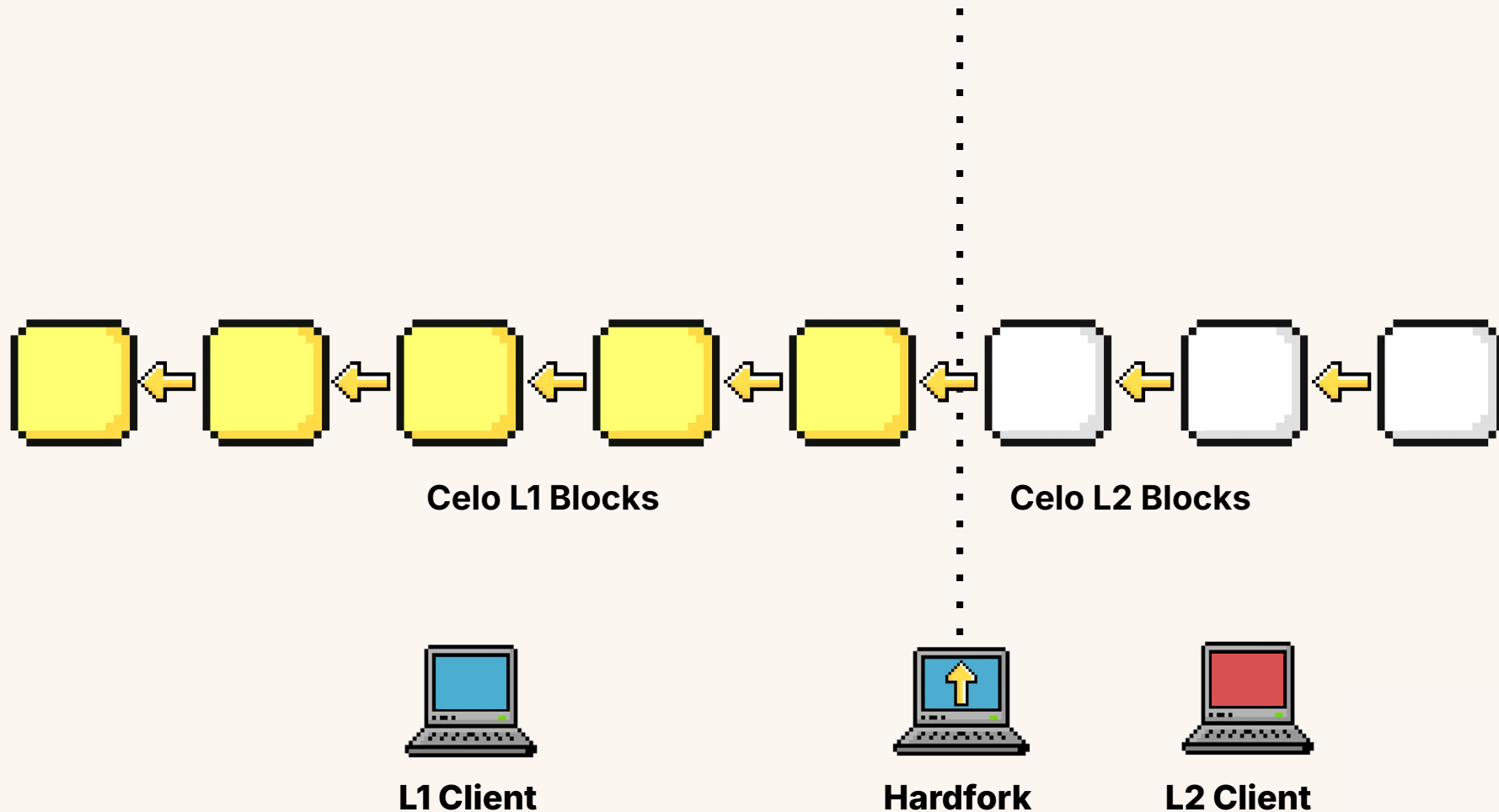
We Picked OP + EigenDA



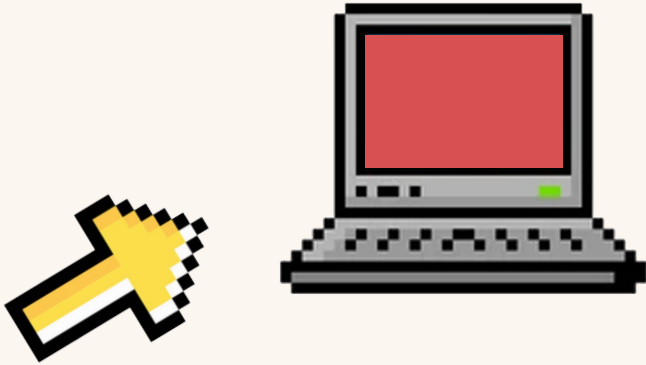
L1 Client



L2 Client



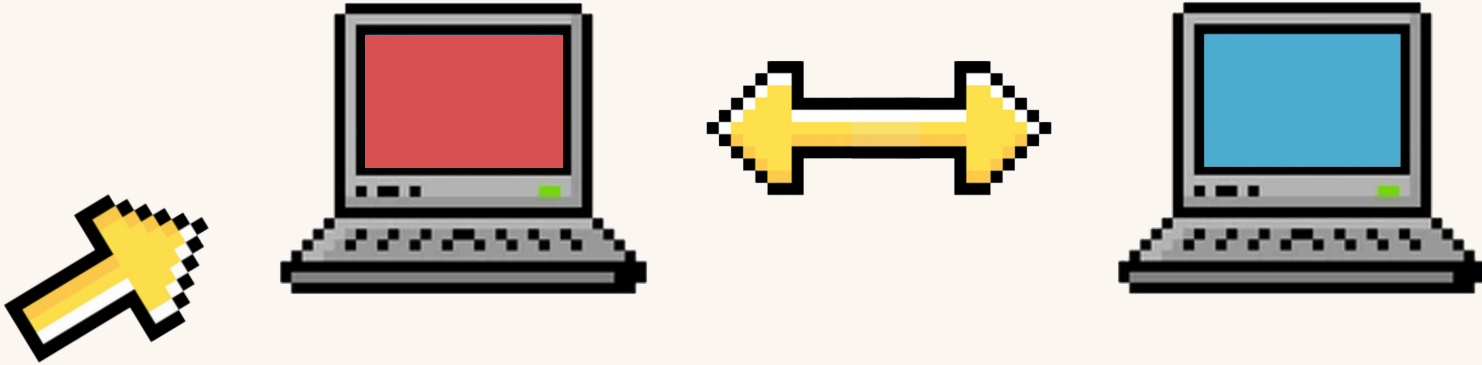
## Celo L2 Archive Node



Archive Node Proxying

**Celo L2  
Archive Node**

**Celo L1  
Archive Node**



Archive Node Proxying

The background is a detailed map from the Super Mario Bros. game, showing a large blue lake in the center, surrounded by green grassy areas, brown dirt paths, and various game elements like houses, trees, and enemies. The map is framed by a thick, wavy brown border.

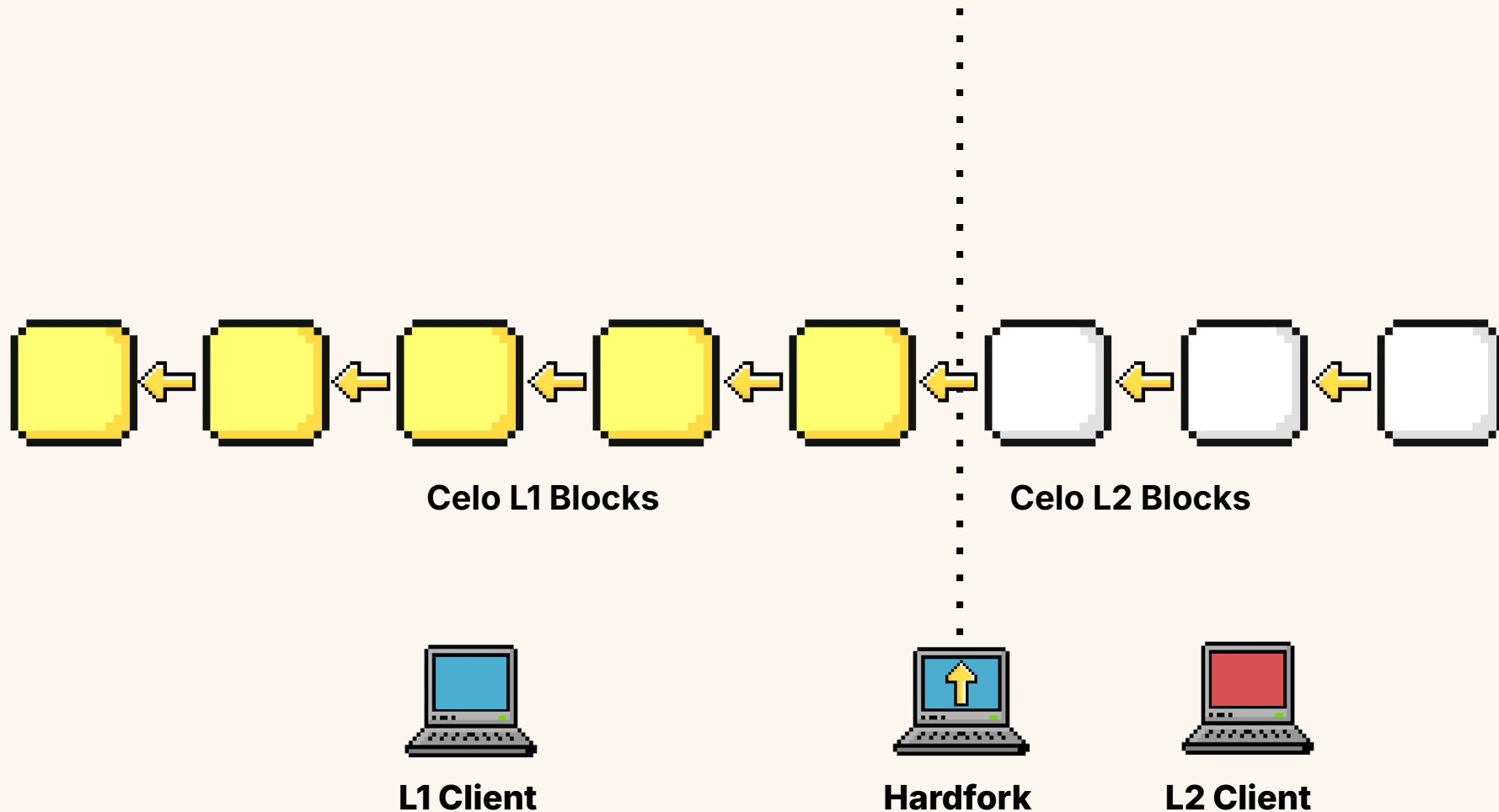
Learning

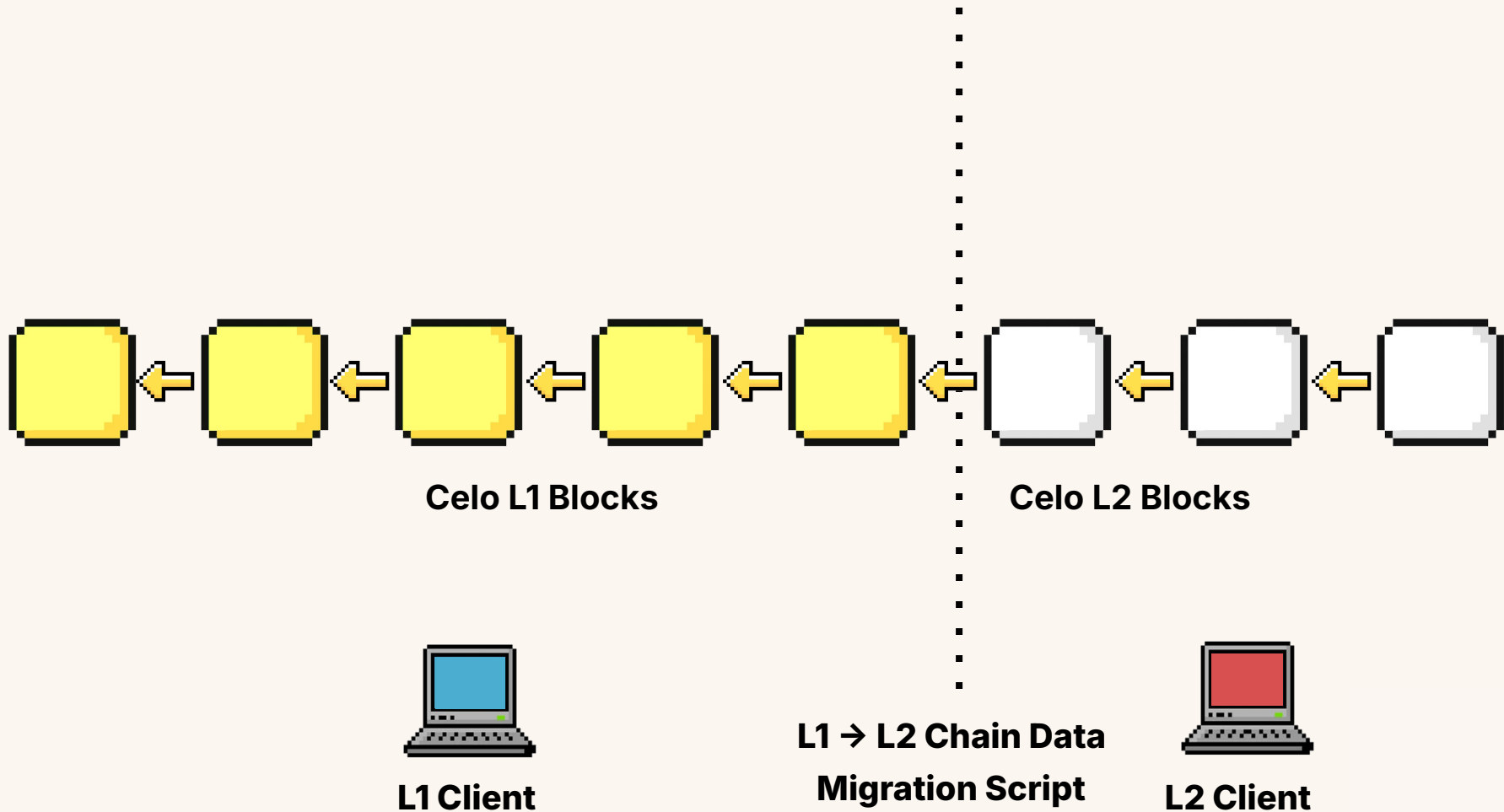






Migrate your chain data

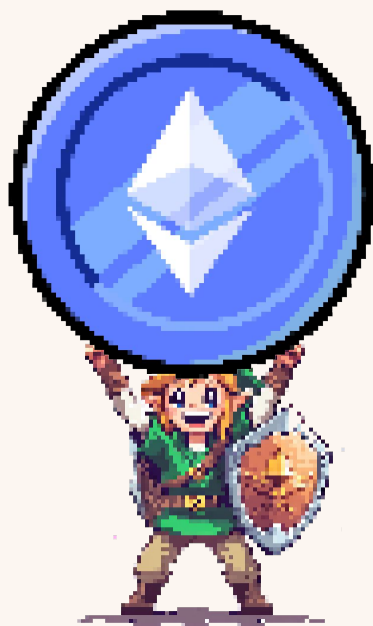




A pixelated background from the Super Mario Bros. game, featuring a brown brick floor, green grass, and a sky with white and purple clouds. A yellow box with a black border is overlaid on the left side of the image.

Learning

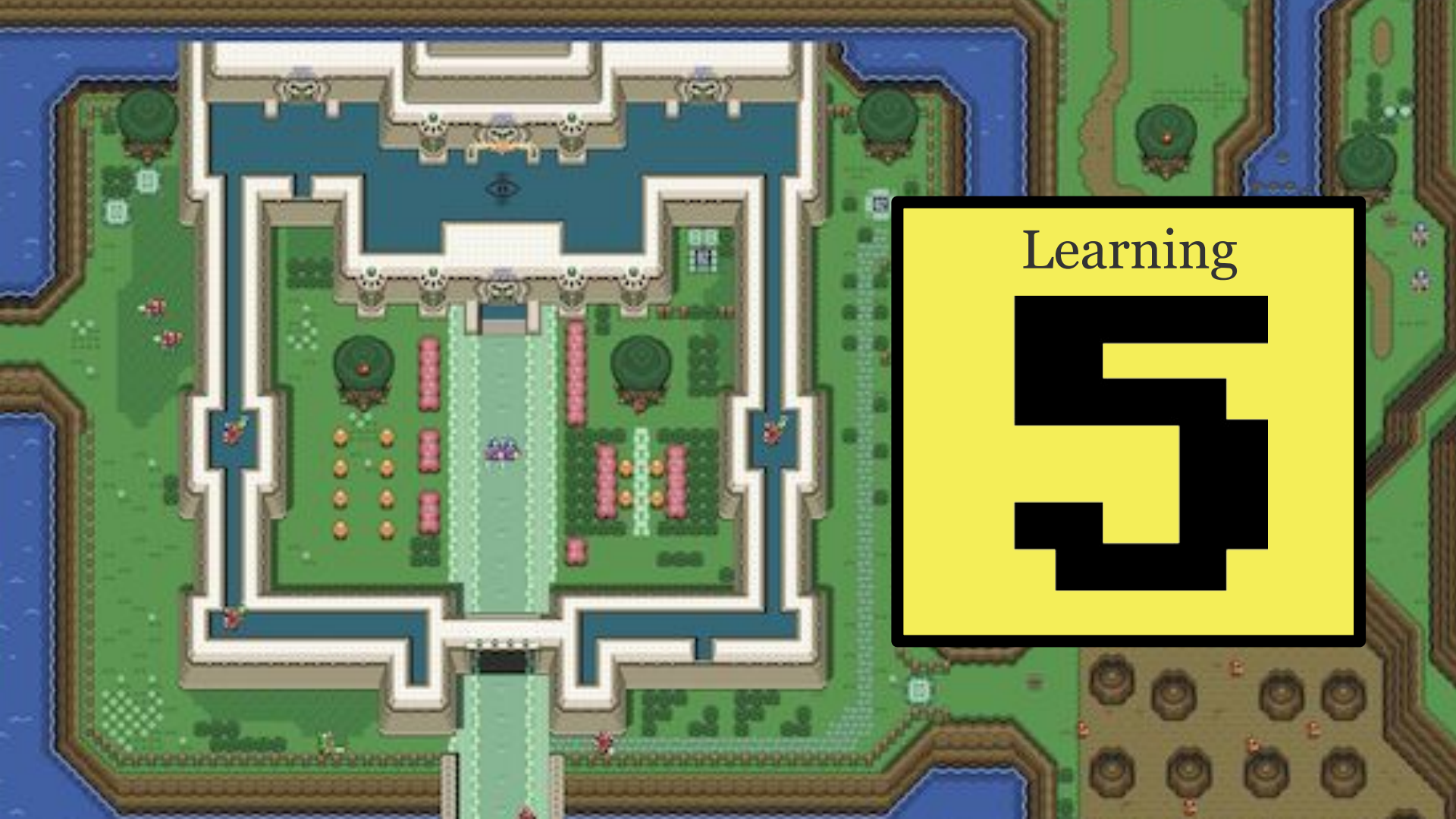
4



Embrace Ethereum



Distill protocol down to  
patch queue on Geth



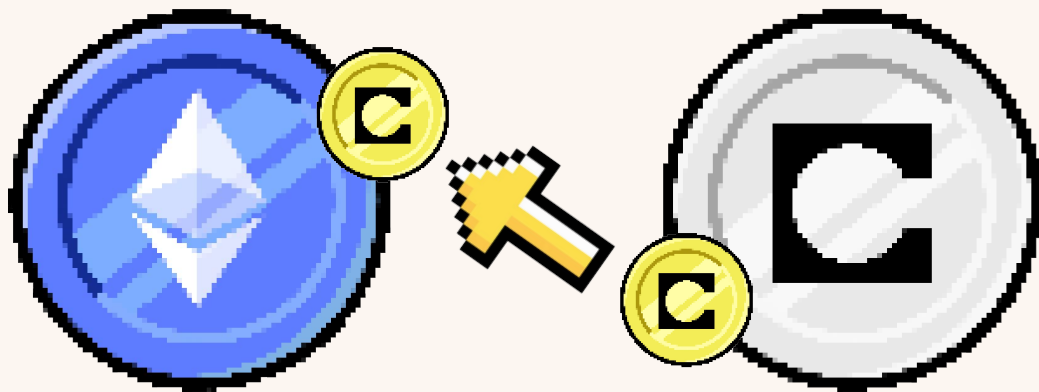
Learning








Rethink where your token lives

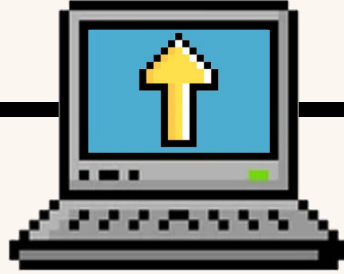


CELO will exist as an L1 token as well

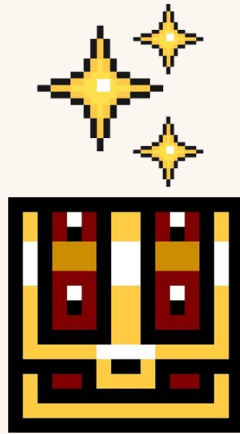


The background is a Super Mario Bros. 2 forest level. It features a dense arrangement of green, circular trees with brown trunks. The ground is green with small yellow flowers. There are several wooden pillars and platforms. A yellow text box with a black border is centered on the screen. The text "Final Thoughts" is written in a black serif font. The number "05" is visible in a small blue box at the top center. The number "42" is visible in a small blue box on the left side. The number "04" is visible in a small blue box at the bottom center. The number "04" is visible in a small blue box at the bottom right. The number "04" is visible in a small blue box at the bottom right. The number "04" is visible in a small blue box at the bottom right.

# Final Thoughts

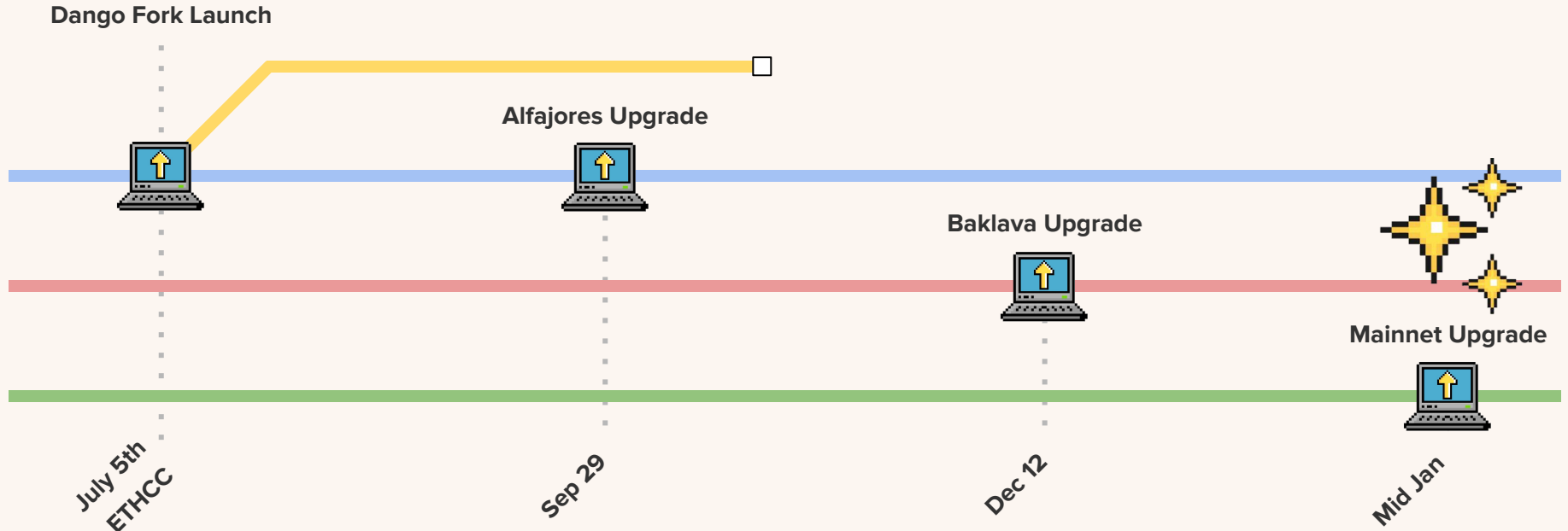


Thinking about transitioning to an L2?





Take the leap of faith!

# Upgrade Schedule



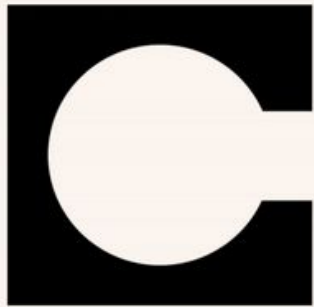
## Legend

Dango		Baklava	
Alfajores		Mainnet	





CELO



**Thank you!**

[celo.org](https://celo.org)

[docs.celo.org/cel2](https://docs.celo.org/cel2)

@celo

@marek\_