Potentially the graffiti (and other data bits from slots) might end up available in the EVM for various purposes, it might be interesting exploring ways to penalise block proposers that include malicious code as graffiti.

We could argue that it's every devs' job to escape and validate anything before usage, but it might also be good to enforce it on the protocol level.

The idea being, attesters will not vote for a block proposed with a graffiti the fails validation (validation parameters could be added and improved via EIP)

[

Screen Shot 2020-05-19 at 10.53.23

1303×120 9.85 KB

](https://ethresear.ch/uploads/default/original/2X/c/c0d97de696f528daec24d780635a8bc8440059cb.png)

Etherscan Beacon Chain (Phase 0) Ethereum 2.0 Explorer

Slot 225533 | Beacon Chain (Phase 0) Ethereum 2.0 Explorer

Etherscan Beacon Chain Explorer shows information on the Phase 0 Ethereum 2.0 Prysmatic testnet. Information such as Epochs, Slots, and Validators are displayed in an easy to read and understandable.