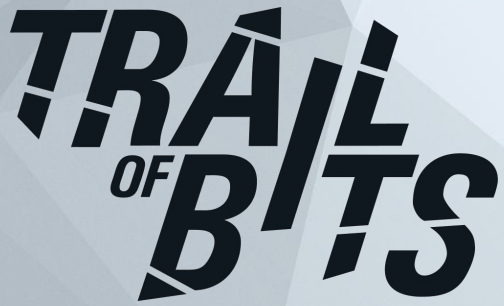
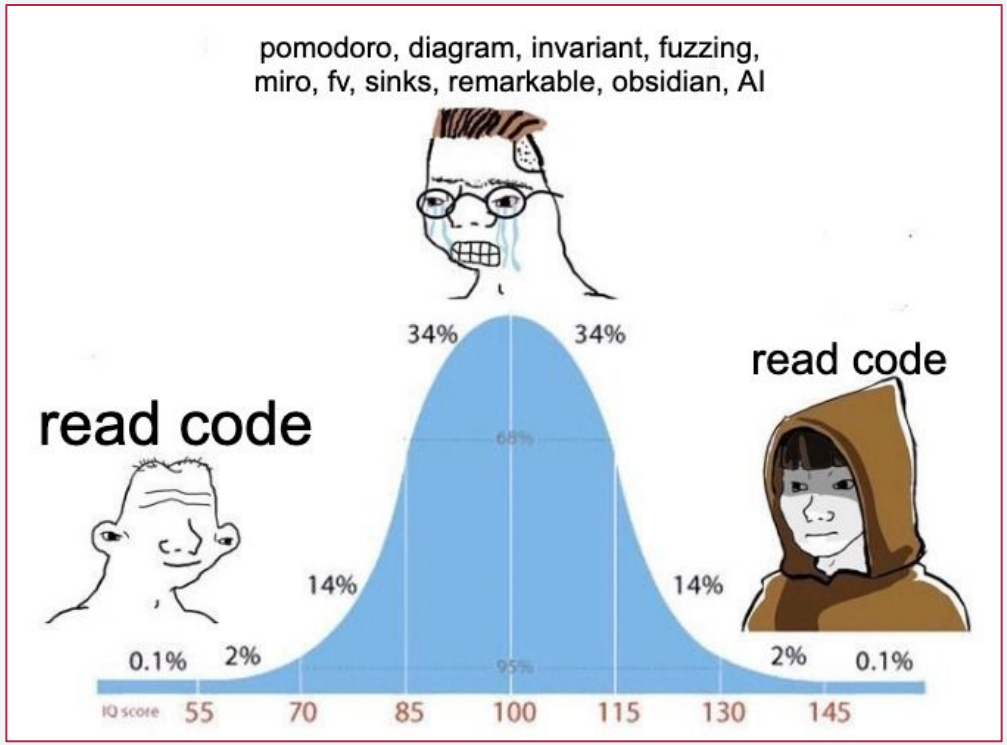

TRAIL
OF
BITS

Beyond “Just Read the Code”: Auditing Strategies & Tactics

nisedo

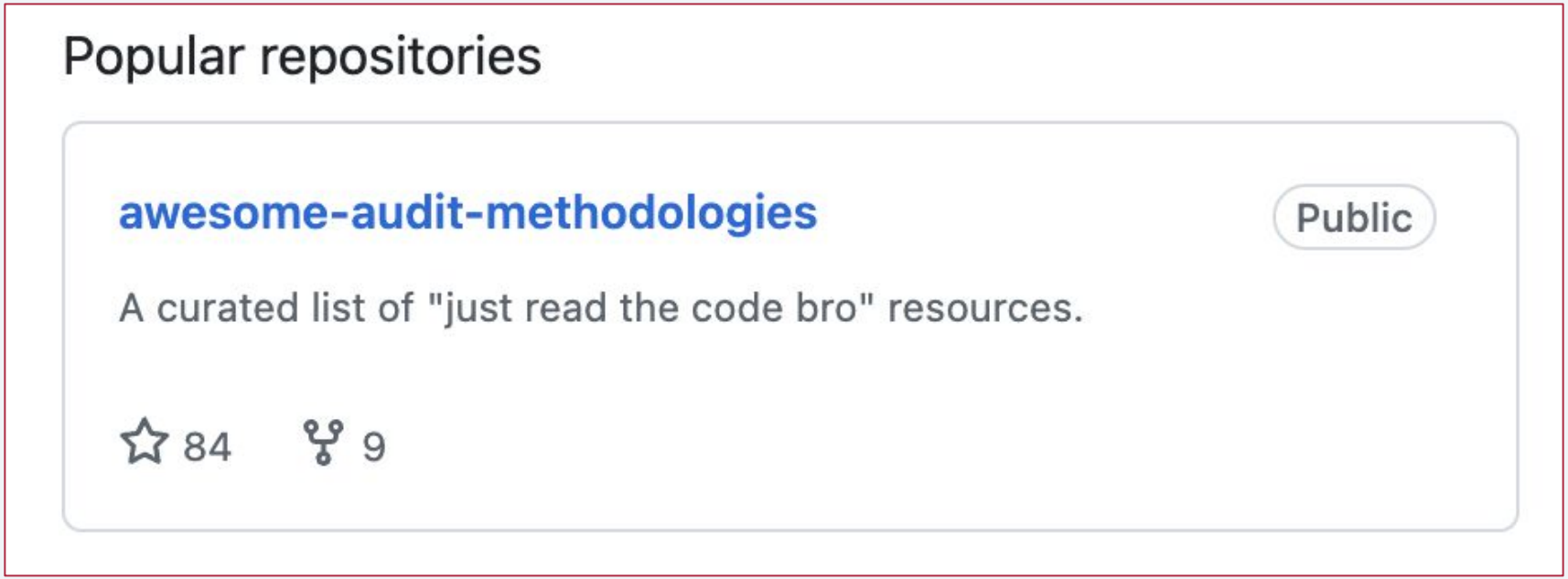


“Just read the code bro”



Saying top auditors *“just read the code”* is like saying Michael Phelps just swims, or Usain Bolt just runs.

Awesome Audit Methodologies 🗂️



Commenting every line 📝

```
// External function that provides flash loans (borrow and repay in same transaction)
function flashLoan(
    address token, // The token address to flash loan
    uint256 assets, // The amount of tokens to flash loan
    bytes calldata data // Optional callback data for the borrower
) external {
    // Ensure the flash loan amount is not zero to prevent wasting gas
    require(assets != 0, ErrorsLib.ZERO_ASSETS);

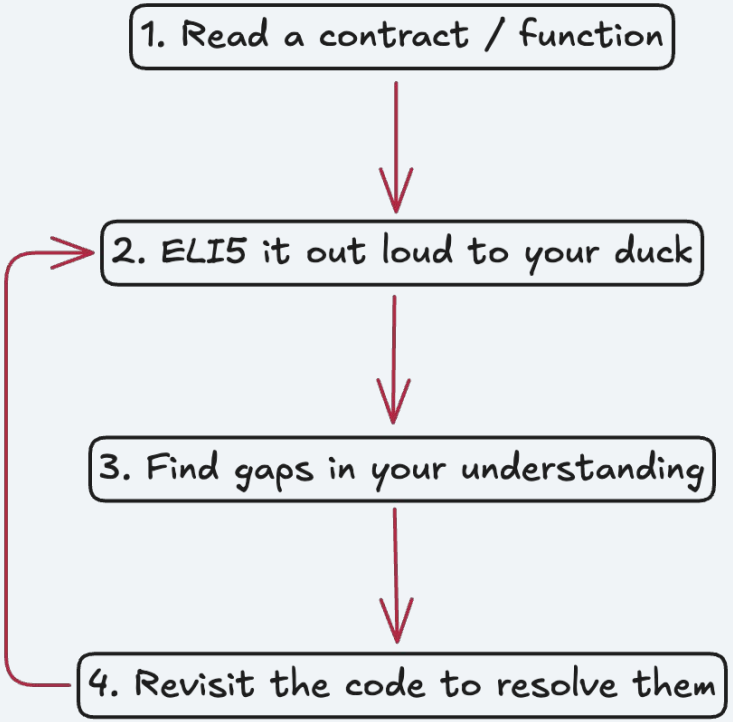
    // Emit an event to log this flash loan operation for off-chain tracking
    emit EventsLib.FlashLoan(msg.sender, token, assets);

    // Transfer the requested token amount to the borrower
    IERC20(token).safeTransfer(msg.sender, assets);

    // Execute the borrower's callback function where they can use the borrowed funds
    IMorphoFlashLoanCallback(msg.sender).onMorphoFlashLoan(assets, data);

    // Transfer the borrowed tokens back from the borrower to complete the flash loan
    IERC20(token).safeTransferFrom(msg.sender, address(this), assets);
}
```

Rubber duck auditing



The end

