# 406.https://stackoverflow.com/questions/71195907/estimating-gas-cost-programmatically-while-minting-nft-in-web3-js

**T:**Estimating gas cost programmatically while minting NFT in web3.js

**Q:**I am building an NFT minting dapp, I used a template and it seems like the gas limit is fixed in the configuration file, however, I want to be able to estimate the fee on the go. I found .estimategas() but I am not sure how to incorporate it into my function. Here is my mint function:  
  
const claimNFTs = () => {let cost = CONFIG.WEI\_COST;let gasLimit = CONFIG.GAS\_LIMIT;let totalCostWei = String(cost \* mintAmount);let totalGasLimit = String(gasLimit \* mintAmount);console.log("Cost: ", totalCostWei);console.log("Gas limit: ", totalGasLimit);setFeedback(`Minting your ${CONFIG.NFT\_NAME}...`);setClaimingNft(true);blockchain.smartContract.methods .mint(blockchain.account, mintAmount) .send({ gasLimit: String(totalGasLimit), to: CONFIG.CONTRACT\_ADDRESS, from: blockchain.account, value: totalCostWei, }) .once("error", (err) => { console.log(err); setFeedback("Sorry, something went wrong please try again later."); setClaimingNft(false); }) .then((receipt) => { console.log(receipt); setFeedback( `WOW, the ${CONFIG.NFT\_NAME} is yours! go visit Opensea.io to view it.` ); setClaimingNft(false); dispatch(fetchData(blockchain.account)); });  
  
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With this code, the gas fees seem to be very high, I just want to make sure I am not missing anything that may be driving the gas fee so high.

**C1:**Have you implemented the estimateGas function? What's the number you get back?

0 **Answer**