



Test, Deploy & Run Solidity Functions

Testing Solidity Functions

The purpose of this repo is to showcase unit tests examples of using Gelato Solidity Functions in a Hardhat environment.

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It's advised to conduct tests by impersonating Gelato's address within a Hardhat environment to ensure accurate simulation of Gelato Solidity Function executions.

Deploying Solidity Functions

To deploy your Solidity functions, please proceed with deploying your contract to the network. Once deployed, ensure you verify your contract on Etherscan to enable automatic ABI fetching within our app.

Check out an example script [here](#) to see how you can deploy your Solidity Functions.

Creating Solidity Function Tasks

Before creating solidity function tasks, familiarize yourself with the available [Trigger Types](#) ! ?

1. Selection of Function
2.
 - Navigate to theWhat to trigger
3.
 - section.
4.
 - Choose theSolidity Function
5.
 - option
6. *
7. Network Configuration
8.
 - Locate theNetwork
9.
 - dropdown.
10.
 - Select your desired blockchain network where the contract is deployed, e.g., "Göerli."
11. *
12. Function Details Input
13.
 - Under theSolidity Function
14.
 - section, find the input labeledContract Address
15.
 - .
16.
 - Enter the Ethereum address of your deployed Solidity contract. Ensure accuracy as this determines where your functions will interact.
17.
 - Once the contract address is entered, the ABI (Application Binary Interface) should automatically populate. If using a custom ABI, select theCustom ABI
18.
 - option and input it accordingly.
19. *
20. Task Configuration
21.
 - A checker function evaluates conditions before triggering the main function. From theChecker Function
22.
 - dropdown, choose the specific function you want as a condition checker.
23.
 - Enter theTarget Contract
24.
 - where the automated function call should be sent. From the subsequent dropdown, select the specific function you wish to automate.

25. *
26.

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