

Monitoring Automate Tasks

Learn how to monitor your Web3 Function Task Deprecation Notice: Gelato Functions is set to replace Automate, providing enhanced automation capabilities, access to off-chain data, unified payments across networks, and a performance boost. [Migrate your tasks](#) to Gelato Functions before Legacy Automate's end of life on June 30th, 2024 for uninterrupted service. Besides the task logs available in the UI, Gelato Web3 Functions offer a more detailed and granular monitoring system providing status and logs APIs.

Task Status URL

Provided theChainId andtaskId , this API will return the current Task status

...

Copy `https://api.gelato.digital/tasks/automate/networks/{chainId}/tasks/{taskId}/status`

...

For example, if yourchainId ,taskId are:

...

Copy chainId: 137 taskId: 0x1d029e6ac412e7b4544bb07a8f12ffc33c668d5ddfa3d479def13d548cd72c4b

...

Then the URL to go to is:

...

Copy `https://api.gelato.digital/tasks/automate/networks/137/tasks/0x1d029e6ac412e7b4544bb07a8f12ffc33c668d5ddfa3d479def13d548cd72c4b/status`

...

For thistaskId , here is the returned task information:

...

Copy `{ "task": { "chainId": 137, "taskId": "0x1d029e6ac412e7b4544bb07a8f12ffc33c668d5ddfa3d479def13d548cd72c4b", "taskState": "CheckPending", "creationDate": "2022-10-27T09:22:01.434Z", "lastCheckDate": "2023-06-15T06:03:05.501Z", "lastCheckMessage": "!canExec" } }`

...

The first thing to look at is thetaskState key:

Task states:

For thetaskState key, these are the possible values:

- CheckPending
 - : the task is pending simulation.
- ExecPending
 - : the task is executable and is awaiting inclusion into the blockchain.
- WaitingForConfirmation
 - : the task was included into the blockchain but is still awaiting the required amount of blocks confirmations.
- ExecSuccess
 - : the task has been successfully executed.
- Cancelled
 - : the task has been canceled by the owner
- ExecReverted
 - : the task transaction has been reverted.
-

Task Logs URL

Provided theChainId andtaskId , this API will return the logs in the last 24 hours, the query paramlimit is optional

...

Copy `https://api.gelato.digital/tasks/automate/networks/{chainId}/tasks/{taskId}/logs?limit=NrLogs`

...

For example, if yourchainId ,taskId andNrLogs are:

...

Copy chainId: 137 taskId: 0x1d029e6ac412e7b4544bb07a8f12ffc33c668d5ddfa3d479def13d548cd72c4b NrLogs:2

...

Then the URL to go to is:

...

Copy
<https://api.gelato.digital/tasks/automate/networks/137/tasks/0x1d029e6ac412e7b4544bb07a8f12ffc33c668d5ddfa3d479def13d548cd72c4b/logs?limit=2>

...

For this taskId , here is the returned task information:

...

Copy { "logs": [{ "date": "2023-06-15T06:05:38.975Z", "state": "CheckPending", "type": "ResolverCheck", "message": "I canExec" }, { "date": "2023-06-15T06:05:24.349Z", "state": "CheckPending", "type": "ResolverCheck", "message": "I canExec" }] }

...

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