



Miscellaneous Topics

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New Admin API for Flow Creation

- ❑ I have made a PR on new admin POST /flows API to create new flows with credentials.
(<https://github.com/node-red/node-red/pull/2414>)
- ❑ Is there any possibility that new Node-RED including this feature released in near future?
(we would like to include and use this feature in our system)

v2 - flow response object

The `rev` property, if provided, should reflect the revision of flows that was returned by `GET /flows`.

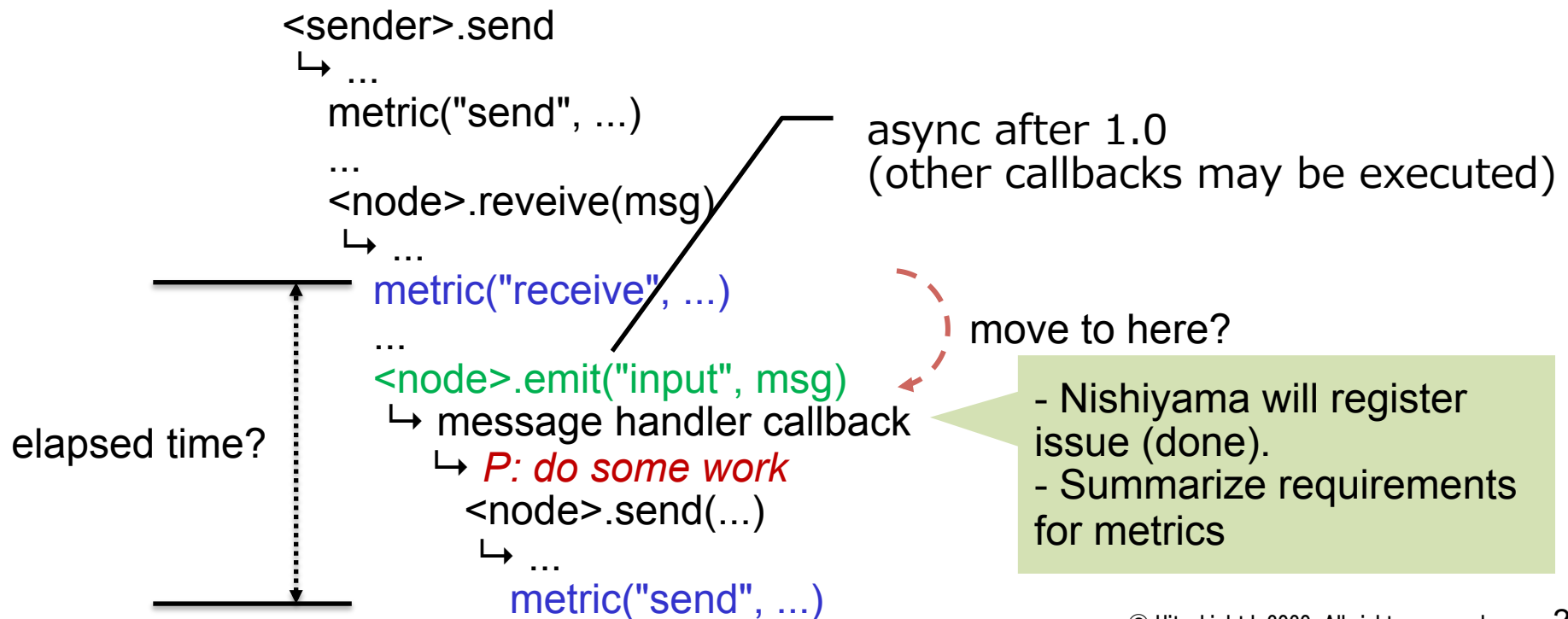
The optional `credentials` property represents credentials for nodes. The `credentials` property points to an object with node id as a key and an object with key-value pair of credentials as a value.

```
{
  "rev": "abc-123",
  "flows": [
    {
      "type": "tab",
      "id": "396c2376.c693dc",
      "label": "Sheet 1"
    },
    {
      "type": "node-with-secret",
      "id": "ae7b28e7.99fd38",
      "label": "Secret"
    }
  ],
  "credentials": {
    "ae7b28e7.99fd38": {
      "password": "secret value"
    }
  }
}
```

Nick-san will review
& make comments

Send/Receive Metric

- ❑ We would like to know elapsed time processing a message (receive – send)
- ❑ Before 1.0 release, it can be estimated by duration of metric logs between receive and send.
- ❑ After 1.0, it can not because of async message send.
- ❑ Can we move metric logging location as below?



[N]Metrics Usage Scenarios

#	Purpose	Used Metrics	Metrics Usage	Desc.
1	Capture Elapsed Time	send receive	<elapsed time>=<time of recv>-<time of send>	- processing between recv and send must be synchronous or new metrics that logs transfer of control is required
2	Trace Message Processing	send, receive, done	use message ID to create directed graph to capture execution path	- send and done must contain ID of contributing input messages
3				

currently supported metrics:

[Node] send, receive,

[function] duration

[httprequest] duration.millis, size.bytes

[http in] response.time.millis, response.content-length.size

Examples of Standard Node-RED Nodes

- ❑ Node-RED supports node example flows to be supplied in library menu
- ❑ But core node do not have mechanisms for adding example flows
- ❑ Is there any reason on this? Or, can we add this feature?
I think it would be useful to add the cookbook example to the library

How to use batch node with concatenate sequences mode

General



ab73863

1 3d

Hello,

I am trying to understand the batch node with **concatenate sequences mode**. I am not able find any examples related to usage of this node in **concatenate sequences mode**.

Could anyone please share a sample or pointer to any documentation which shows how to use this particular mode?

Regards
Arun

✓ Solved by [dceejay](#) in [post #11](#)

Here are a couple of examples Note the second isn't just a sort (much too easy :-)... but takes the negative numbers into a group - (topic), likewise the positive - then rejoins the groups... in a sequence set by the topics... [{"id":"5208ff70.44718","type":"inject","z":"e0631187.0034b","name":"...", ...

Add this feature

[N]Making multiple PRs that has dependency

- ❑ Use small PR that contain independent changes except changes are trivial
- ❑ Making PR that contains changes in other PR is OK.

- In some cases, users want to change default value in settings.js without modifying it

- use environment variable
- add startup options that specify a value in settings.js

- For values that control experimental features change its value from constant value to environment variable reference.
- Add startup option to overwrite values in a setting.js.

-D <property-path>=<JSON-value>

-D @<path-to-JSON-file>

First option type overwrites specified property in the settings.js by the specified value.

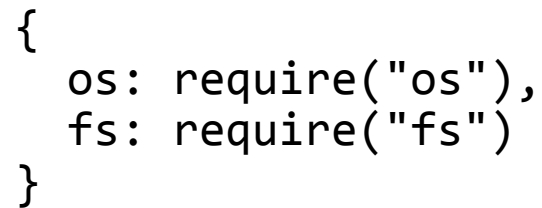
Second option type overwrites properties in the settings.js by contents of the specified JSON file. Other properties are untouched.

The settings.js file is not modified with this option.

[N]Overwriting values in settings.js#2

□ examples

- Deditor.theme.projects.enables=true
- DfunctionGlobalContext={ os: require("os"), fs: require("fs") }
- D@context.json



```
{  
  os: require("os"),  
  fs: require("fs")  
}
```


Effect of Leap Year on Node-RED

- ❑ Our customer willing to know the effects of leap years on their Node-RED flows because this year (2020) is leap year.
- ❑ Do you know any possibility that causes unexpected execution of Node-RED flow by leap year?

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