

To set up a Mempool.space server for Litecoin on your local machine, you can follow these steps:

1. Install and run a Litecoin full node on your local machine. You can use a software like Litecoin Core for this purpose.
2. Install the Mempool.space software on your local machine by cloning the GitHub repository: <https://github.com/mempool/mempool>.
3. Navigate to the mempool directory and run the following command to install dependencies:

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npm install

4. Set up the configuration file for the Litecoin network by creating a file called config.local.json in the ./config directory of the mempool project. You can use the following sample configuration file as a starting point:

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```
{ "name": "local-ltc",
  "mempool": { "package": "@mempool/mempool",
    "config": { "network": "litecoin",
      "rpc": { "user": "rpcuser",
        "pass": "rpcpassword",
        "host": "127.0.0.1",
        "port": 9332 },
      "listen": { "host": "0.0.0.0",
        "port": 3002 } } },
  "api": { "package": "@mempool/api",
    "config": { "listen": { "host": "0.0.0.0",
      "port": 3001 },
    "mempool": { "host": "localhost",
      "port": 3002 }
  }
}
```

Make sure to update the 'rpc' section with your own Litecoin node's RPC credentials and port number if necessary.

5. Run the Mempool.space server by executing the following command in the mempool directory:

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npm start

6. Access the Mempool.space server in your web browser by navigating to <http://localhost:3001>.

With these steps, you should be able to set up a Mempool.space server for Litecoin on your local machine for testing purposes. Note that this setup is not intended for use in a production environment and should only be used for development and testing purposes.