For this execution environment was developed a nodeJS application that receives an HTTP message and based on the request body creates a file with to code that need to be executed and a file that contains the unit tests, the latter imports the function exported in the running code file to run the tests. With the file(s) created, a child process is spawn to run the defined code or the unit tests if defined in the message body.

The container is built on top of the node 14 image to enable said docker to run the mentioned application