Практическая работа № 5

Тема: «ZeroMQ»

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```
lemp001@U20-001:~$ sudo apt install python3-pip
[sudo] password for lemp001:
Reading package lists... Done
Building dependency tree
Reading state information... Done
python3-pip is already the newest version (20.0.2-5ubuntu1.6).
The following packages were automatically installed and are no longer required:
  chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi libfwupdplugin1
  libgstreamer-plugins-bad1.0-0 libminizip1 libva-wayland2
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 5 not upgraded.
lemp001@U20-001:~$ pip3 install pyzmq
Collecting pyzmq
  Downloading pyzmq-24.0.1-cp38-cp38-manylinux_2_12_x86_64.manylinux2010_x86_64.
whl (1.1 MB)
         |                                         | 1.1 MB 1.3 MB/s
Installing collected packages: pyzmq
Successfully installed pyzmq-24.0.1
lemp001@U20-001:~$
```

```
lemp001@U20-001:~/Downloads/Distrib          lemp001@U20-001:~/Downloads/Distr
uted_systems-main/d-zadanie/02-sock          ibuted_systems-main/d-zadanie/02-
ets/zeromq/test server$ python3 cli          sockets/zeromq/test server$ pytho
ent.py                                       n3 server.py
Connecting to hello world server…            Received request: b'Hello'
Sending request 0 …                          Received request: b'Hello'
Received reply 0 [ b'World' ]                Received request: b'Hello'
Sending request 1 …                          Received request: b'Hello'
Received reply 1 [ b'World' ]                Received request: b'Hello'
Sending request 2 …                          Received request: b'Hello'
Received reply 2 [ b'World' ]                Received request: b'Hello'
Sending request 3 …                          Received request: b'Hello'
Received reply 3 [ b'World' ]                Received request: b'Hello'
Sending request 4 …                          Received request: b'Hello'
Received reply 4 [ b'World' ]
Sending request 5 …
Received reply 5 [ b'World' ]
Sending request 6 …
Received reply 6 [ b'World' ]
Sending request 7 …
Received reply 7 [ b'World' ]
Sending request 8 …
Received reply 8 [ b'World' ]
Sending request 9 …
Received reply 9 [ b'World' ]
lemp001@U20-001:~/Downloads/Distrib
uted_systems-main/d-zadanie/02-sock
ets/zeromq/test server$
```