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ДИСЦИПЛИНА: «Распределенные системы»

Отчет по практической работе №2_1

Тема:

«Sockets»

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```
lemp@u20-08:~/Downloads/02-sockets/zeromq/test server$ sudo apt install python3-pip
[sudo] password for lemp:
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 44 not upgraded.
lemp@u20-08:~/Downloads/02-sockets/zeromq/test server$ 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 1.4 MB/s
Installing collected packages: pyzmq
Successfully installed pyzmq-24.0.1
```

```
lemp@u20-08:~/Downloads/02-sockets/zeromq/test server$ python3 server.py
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
Received request: b'Hello'
```

```
lemp@u20-08:~/Downloads/02-sockets/zeromq/test server$ python3 client.py
Connecting to hello world server...
Sending request 0 ...
Received reply 0 [ b'World' ]
Sending request 1 ...
Received reply 1 [ b'World' ]
Sending request 2 ...
Received reply 2 [ b'World' ]
Sending request 3 ...
Received reply 3 [ b'World' ]
Sending request 4 ...
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' ]
```