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ДИСЦИПЛИНА: «Распределенные системы»

Отчет по практической работе №3

Тема:
«ZeroMQ»

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Москва

2022

```
lemp@u20-13: ~  
lemp@u20-13:~$ 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 libpython2-stdlib  
  libpython2.7-minimal libpython2.7-stdlib libva-wayland2 python-is-python2  
  python2 python2-minimal python2.7 python2.7-minimal  
Use 'sudo apt autoremove' to remove them.  
0 upgraded, 0 newly installed, 0 to remove and 45 not upgraded.  
lemp@u20-13:~$
```

```
lemp@u20-13:~$ 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 1.9 MB/s  
Installing collected packages: pyzmq  
Successfully installed pyzmq-24.0.1  
lemp@u20-13:~$
```

```
lemp@u20-13:~/Downloads/Distributed_systems-main/d-zadanie/02-sockets/zeromq$ python3 test_server/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@u20-13:~/Downloads/Distributed_systems-main/d-zadanie/02-sockets/zeromq$ python3 test_server/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' ]  
lemp@u20-13:~/Downloads/Distributed_systems-main/d-zadanie/02-sockets/zeromq$
```