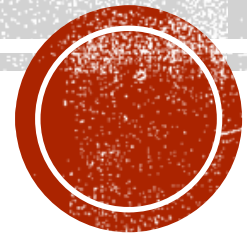


INTERACTIVE POP3

PROJECT made by:

1. Aarush Gupta (16114002)
2. Aniruddha Mahapatra (16115021)
3. Dakshit Agrawal (16114022)
4. Deep Jethloja (16114023)
5. Vipul Jain (16114071)

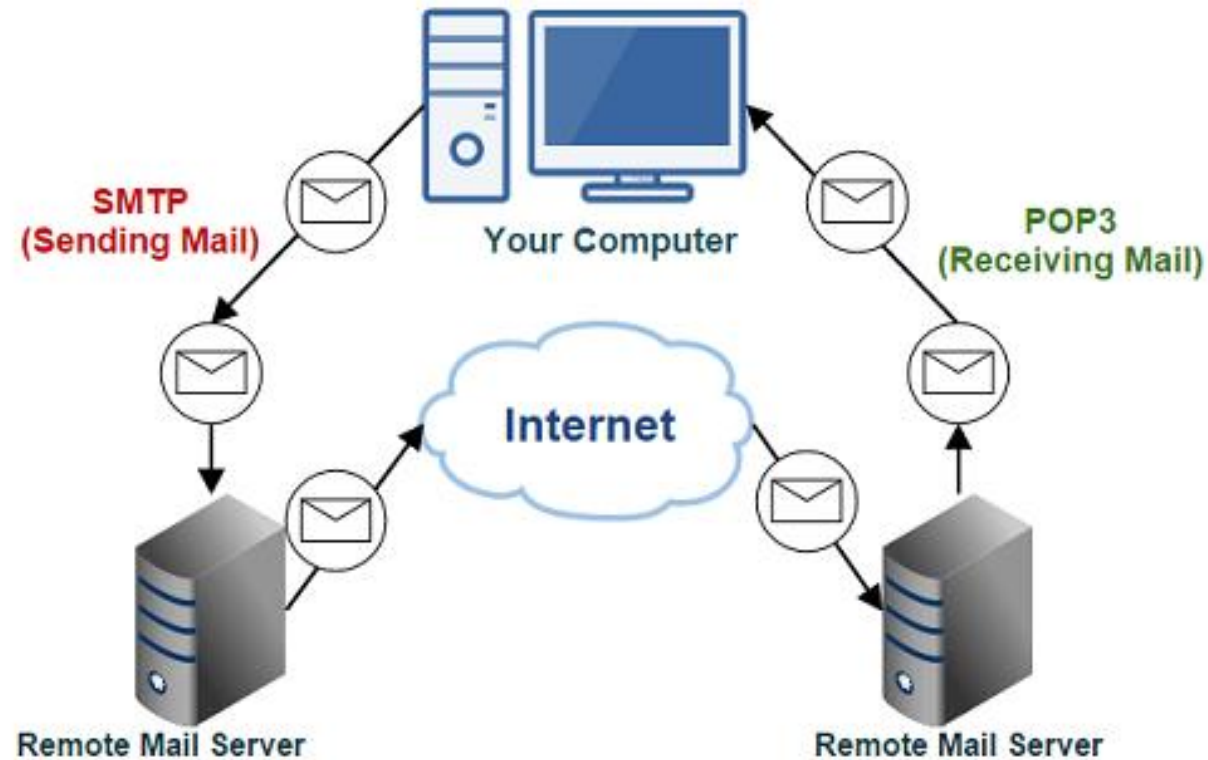


AIM

The objective of the project is to build a simplified version of POP3 protocol for educational purpose. We plan to demonstrate the basic POP3 functionalities listed below by client-server programs to simulate the interactions. We will also display the messages sent at the network layer, basically the IP packets with the IP headers and all the specific details that are actually involved in message communication. We also plan to create a beautiful User Interface to demonstrate these interactions.



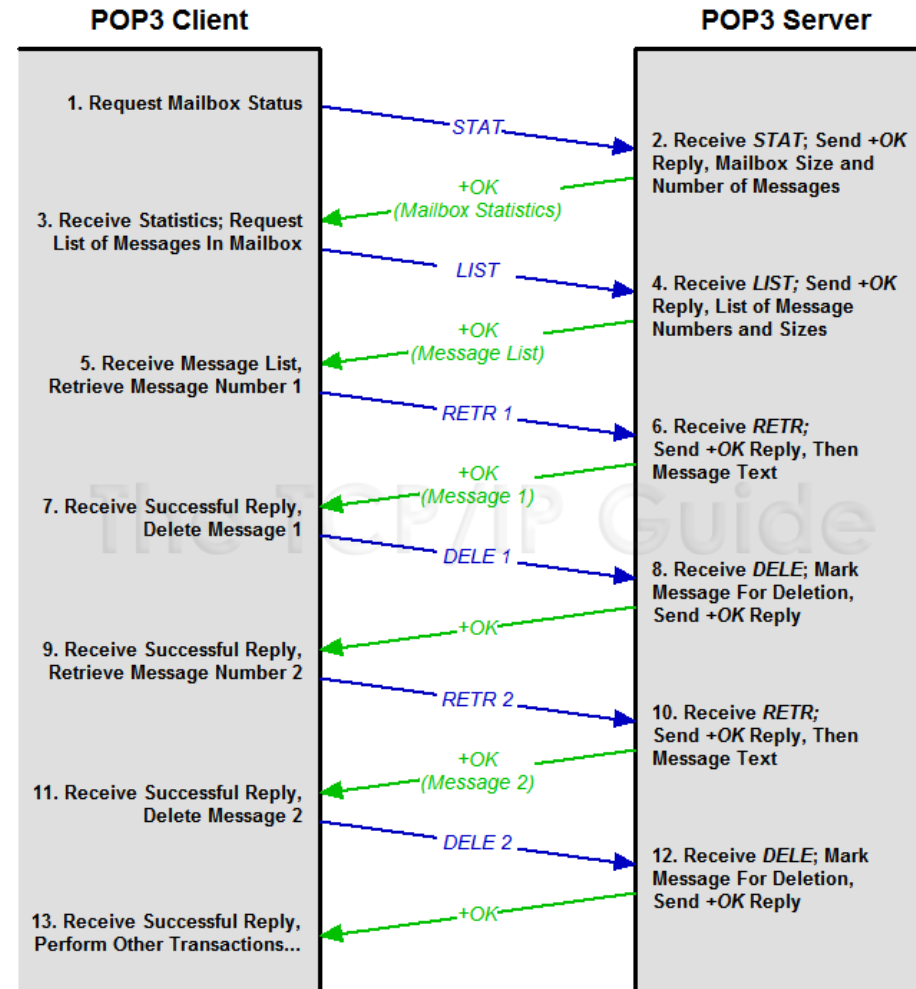
POP3 PROTOCOL



POP Protocol Communication Process



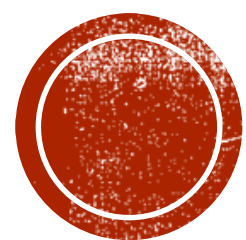
FLOW DIAGRAM



FUNCTIONALITIES

- USER command
- PASS command
- STAT command
- LIST command
- RETR command
- DELE command
- QUIT command





RESULTS

USER COMMAND

```
[Client] : USER Dakshit<CRLF>  
[Server] : +OK Hello Dakshit- Send PASS<CRLF>
```



PASS COMMAND

```
[Client] : PASS abc<CRLF>
```

```
[Server] : +OK Dakshit- Welcome and Proceed<CRLF>
```



STAT COMMAND

```
[Client] : STAT <CRLF>  
[Server] : +OK 2 336
```



LIST COMMAND

```
[Client] : LIST <CRLF>  
[Server] : 2.txt 8  
1.txt 33
```



RETR COMMAND

```
[Client] : RETR 1.txt<CRLF>  
[Server] : Mam,
```

Tomorrow there is a test conducted by J.P.Morgan for internship interview shortlisting from 1pm to 3 pm. So some of the students would be busy during the test. So will it be possible to schedule your class test from 4 pm onwards?

Below I have attached the channeli notice of the same.

Thanking you,
Regards,
Aniruddha



DELE COMMAND

```
[Client] : DELE 2<CRLF>  
[Server] : +OK file deleted<CRLF>
```



THANK

YOU!

