



# FTP & HTTP

---

Никола Николов, Валентин Каров,  
Христо Димов, Марио Чавеев

# План

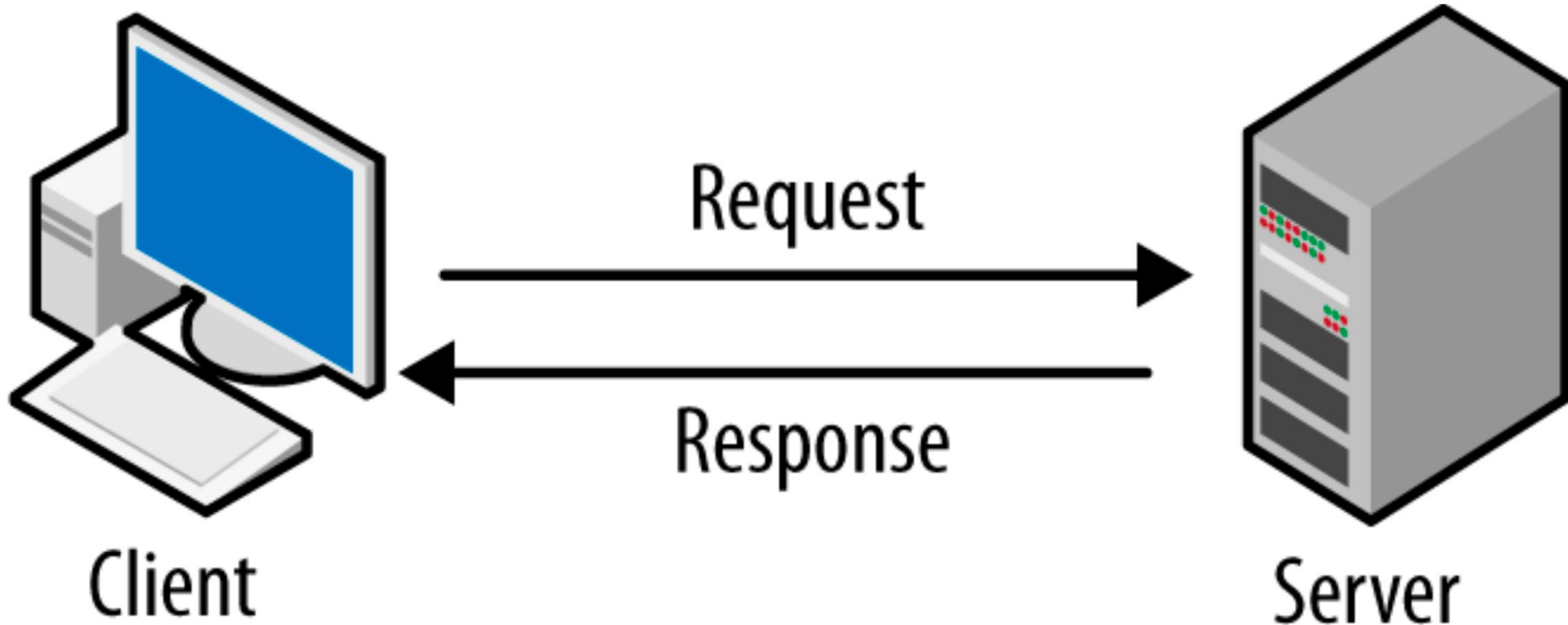
---

- Въведение
- Какво представлява HTTP/HTTPS?
  - HTTP заявки/отговори
  - Основни методи
- Какво представлява FTP?
  - Начин на работа и FTP команди
- Демонстрация на FTP и HTTP сървъри
- Време за въпроси



# Client-Server Model

---



# Какво представлява HTTP?

---



Питали ли сте се как backend си комуникира с frontend ?

**HTTP :**

- Основа на уеб комуникацията
- Клиента праща заявка (request)
- Сървъра отговаря (response)

# HTTPS

---



Http



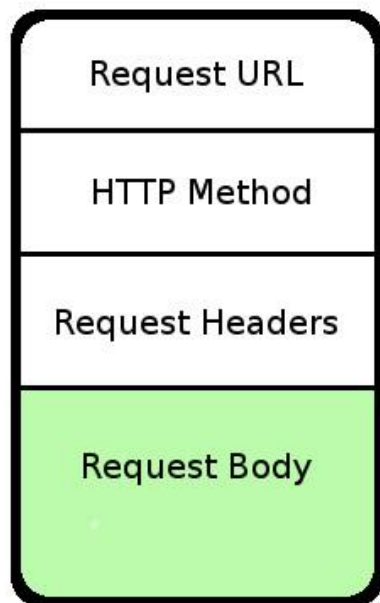
Https

## HTTPS :

- Криптирана и сигурна версия на HTTP
- SSL/TLS
- Защо HTTPS е важен?

# HTTP Заявки

---



## ➤ Структура на заявката

- Request line
- Headers
- Body

## ➤ Видове заявки

- GET
- POST
- PUT
- DELETE
- PATCH

# HTTP Заявки/Отговори

## HTTP Request

Method      URL      Protocol Version

```
GET /index.html HTTP/1.1
Host: www.example.com
User-Agent: Mozilla/5.0
Accept: text/html, */*
Accept-Language: en-us
Accept-Charset: ISO-8859-1,utf-8
Connection: keep-alive
```

*blank line*

Headers

Body  
(optional)

```
HTTP/1.1 200 OK
X-Powered-By: Servlet/2.5
Server: Sun GlassFish Enterprise Server v2.1.1
Content-Type: text/xml;charset="utf-8"
Transfer-Encoding: chunked
Date: Wed, 05 May 2010 21:10:14 GMT

d8
<?xml version="1.0" ?>
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:sayHelloResponse xmlns:ns2="http://soap/">
      <return>Hello, Shawn!</return>
    </ns2:sayHelloResponse>
  </S:Body>
</S:Envelope>
```

Protocol/Version  
Response Status

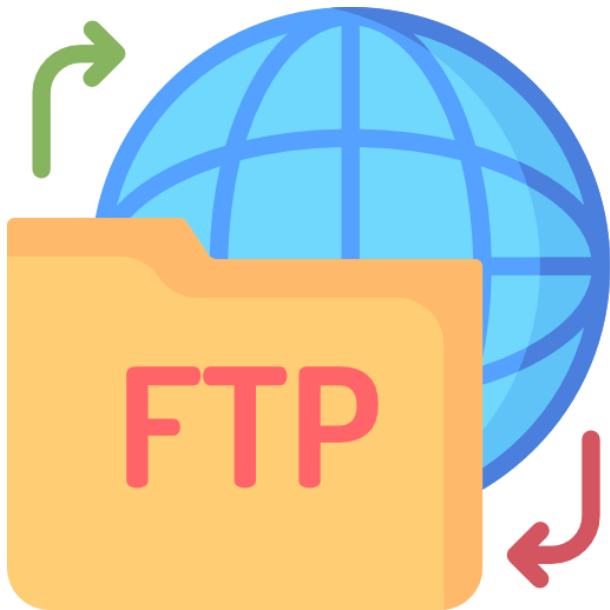
HTTP Headers

Message Body

0

# Какво представлява FTP?

---

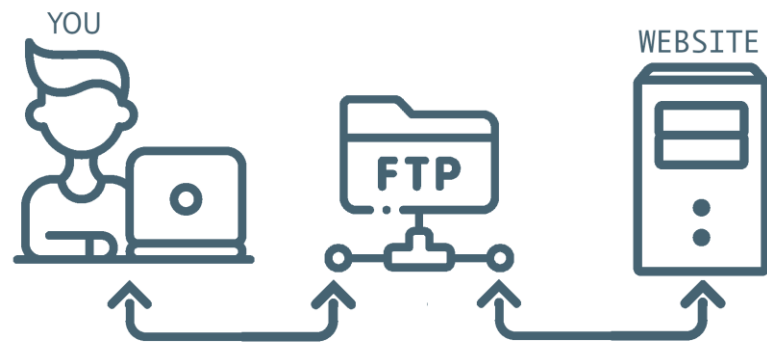


- Протокол за прехвърляне на файлове
- Използва client-server модел
- TCP базиран



# FTP Команди

---



Download File  
Upload Files  
Delete Files  
Rename File  
...etc...

- Open
- Close
- Put
- Delete
- Get

# HTTP/FTP Демо

The background features three large, overlapping geometric shapes: a yellow triangle pointing downwards, a green triangle pointing downwards, and a teal parallelogram pointing downwards. A thin green horizontal line is positioned below the text.

**Въпроси?**

---

