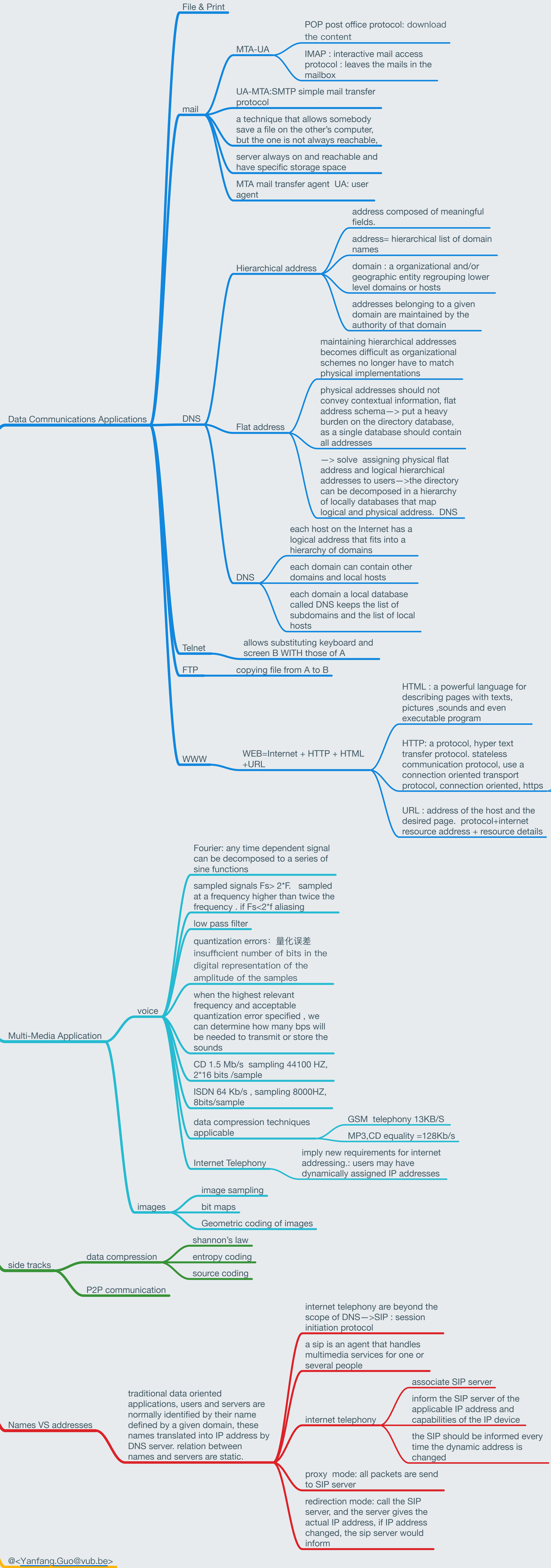


chap1.3 application



Domain Name Servers

- In Each domain, there is at least one DNS
 - Name & DNS Address of all subdomains
 - Name & address of all hosts in the domain
 - DNS address of all hosts root of DNS system
 - Name & DNS addresses of frequently used domains
- Each host must know the address of one DNS
- Address resolution can be done recursively or by successive calls to different DNS
- Local DNS is locally maintained
- Caching greatly improves performance of DNS by keeping the translations of most recently accessed domains and hosts

