

Today information and to be informed is most important than anytime.

We need information to complete fast our daily tasks : how is the weather, when the bus will stop in our station, how is the traffic and even how looks our bank account. The most easy way to get these informations is internet.

We just type in our browser the website we need and in few seconds we receive the answer.

As we need to communicate during the day, to can have the answer for us , internet should also complete some steps transferring data between layers,communicating.

And is very simple and fast.

First step is the Application Layer. The application layer is responsible for interfacing user applications with network services or the operating system.

It allows applications to communicate with the protocol stack.

Second step is Transport layer wich is able to fragmentate the information in small packages to can transfer faster our application , then our request needs to be asociate with a location on internet, the network Layer wich is our adress where the information will be sent back, and ending with and Data Link Layer , the step where the transfer starts the way back to us. After the request found the answer the internet starts the transfer with Data Link Layer, by sending data to our specific adress ip from network Layer step , then reassemble with Transport layer all the small packages of data, and finally arrive to Application Layer as URL and Web page .

If our request is a simple videocall the protocol is UDP, where the packages are not very strict asamble, bust also we can have a very strict request , wich needs more strict procedure for reasamble , using protocol TCP.

The URL is a reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it. URLs occur most commonly to reference web pages (http), but are also used for file transfer (ftp), email (SMTP) using a client like gmail, yahoo etc. .

After the URL is automatically created, using scheme , the domani name ,path and query wich create a specific folder, the browser will show us the Web page. HTML is the standard markup language for creating Web pages, consists of a series of elements who tell the browser how to display the content.

Now we can enjoy the informations we need and we are abel to get the content , so to read, to create to update and delete informations on web pages!

