

## 5 Different Types of URLs | What is URL

URL stands for **Uniform Resource Locator**. A British scientist, **Sir Tim Berners-Lee**, introduced the concept of URL in 1994.

To use and access URLs, internet browsers are extensively used. URLs are used to access websites using the Internet.

**ARPANET** was introduced in 1960 and used TCP/IP [Transmission Control Protocol / Internet Protocol] in a computer network with the assistance of the Internet.

There are **different types of URLs** that look similar but with distinct approaches.

### What is a URL?

URLs are used to access websites and applications over the Internet, and they are the means of communication between the users and host.

Every website URL is unique; the URLs of two websites cannot be the same.

URLs are a form of address used by internet browsers to connect and communicate with resources like websites, applications, and email clients.

Modern browsers like **Google Chrome, Mozilla Firefox, Safari, and Internet Explorer** can access websites and **software applications / Tools**.

The URLs can be case-sensitive; therefore, the developer or programmer has to pay attention while coding or developing; moreover, these **types of URLs** are not SEO-friendly.

Every website on the Internet has a unique IP address [Internet Protocol], which is strictly numerical.

For Example, you are reading the website **www.chtips.com** whose IP address is **172.67.142.38**.

When you enter a website name or domain name (I will discuss what is domain name later in the article) in an internet browser like **Google Chrome**.

It converts the domain name into the IP address for reaching out to the website or application.

The IP address is difficult to remember, and hence the respected authority found it easier to memorize the name of any website and therefore implemented the strategy

**!! And it worked !!.**

The browser does not understand any website name; it converts to an IP address and later checks on the Internet for faster communication.

### 5 Different Types of URLs

The URL can be categorized or divided into 5 different types of URLs

- Dynamic URL
- Static URL
- Obfuscated
- Messy URL
- Absolute

- Relative

## 1. Dynamic URLs

The dynamic URLs are created using programming languages like PHP, JAVA, and Python.

The URLs are not easy to read and remember; also, they are complicated due to some alphanumeric characters and symbols.

These **types of URLs** are not SEO-friendly, according to Google.

For Example

<https://www.chtips.com/?id=123abc>

## 2. Static URLs

The static URLs are never changed; they are hardcoded during programming or coding.

These URLs are generally found on static websites that are hardly altered or updated.

For Example.

- <https://www.chtips.com/disclaimer>
- <https://www.chtips.com/terms-of-use/>
- <https://www.chtips.com/privacy-policy/>

## 3. Obfuscated URLs

These URLs are deceiving, created by spammers and hackers to trick users into entering sensitive personal information like name, address, contact no email, and credit | debit card details.

After receiving this important information, these spammers misuse your data for their benefit.

These URLs are generally spread over email bombardment and are commonly known as “**Phishing Attacks**”, and the websites are called “**Phishing Websites**”.

These URLs contain malicious programs designed, developed, and programmed to corrupt and damage your **computer system**.

To avoid these malicious programs entering your computer system.

Secure Socket Layer (SSL) was started by Taher Elgamal, an Egyptian cryptographer who was a scientist at Netscape Corporation, a famous organization of its time that helped our computer system's security immensely.

## 4. Messy URLs / Unpleasant URLs

These URLs are pretty long, filled with characters, numbers, and digits that are hard to write and memorize, similar to dynamic URLs.

For Examples

<https://www.chtips.com/computer-fundamentals/what-is-computer-system-and-its-benefits-123213!@#!@#>

## 5. Absolute URL

The absolute URLs are very pretty with all the important attributes of a good URL like the hostname, protocol, www, domain name, TLD, or domain code.

This URL contains all the necessary information like files, folders, images, videos, etc. This URL is self-sufficient to fetch the data and information from the server using a modern browser.

## 6. Relative URL

These types of URLs are more compact than absolute URLs. They contain folder names and file names to use and access over the Internet.

### 3 Different Parts of URL Address

The different parts of the URL are mentioned below

- Protocol
- Domain
- Subdomain
- Domain Code or TLDs
- Category or Directory
- www

#### 1. Protocol

There are two types of protocol

- HTTP (Insecure)
- HTTPS (Secured)

#### 2. HTTP {Hyper Text Transfer Protocol}

In 1989, **Tim Berners-Lee** started the initiation of HTTP at CERN. HTTP is considered to be an insecure protocol version.

*http\_unsecured*

The HTTP version does not secure websites and applications as SSL {Secure Socket Layer} is not used and utilized.

The SSL works as an intermediate between the host and the user and also encrypts sensitive data and information from hackers and crackers.

#### 3. HTTPS {Hyper Text Transfer Protocol Secured}

**HTTPS** is known as Hypertext Transfer Protocol Secure, a combination of HTTP and SSL with TSL (Transport Layer Security).

The HTTPS version uses **SSL**, which is responsible for the additional layer of security which prevents websites and web applications from unauthorized access and spammers and hackers.

In HTTPS connections, data and information is encrypted using cryptography which is very difficult to decrypt.

Hackers find it very difficult to steal and misuse your personal and sensitive information, which is very secure and cannot be misused.

#### 4. Domain Name | TLDs

The Domain name is the website's name that is used to open and access using modern browsers like Chrome, Firefox, Safari, etc.

The domain names are unique and different for each website and web application.

#### 5. SubDomain

Web hosting companies offer users the to create a subdomain of their user choice. For Example, <https://www.tutorials. chtips.com/> is a subdomain created on the domain <https://www. chtips.com/>.

The number of subdomain users that can create entirely depends upon the allotted quota by the hosting provider.

Subdomains are very handy while creating web applications and websites used for testing purposes.

#### 6. Domain Code or TLDs

There are numerous domain codes or TLDs {Top Level Domain} available some of them are mentioned below.

- .com** Commercial
- .org** Organization
- .in** India Country Specific Domain
- .net** Network
- .gov** Government
- .edu** Education

#### 7. Category or Directory

For Example, the category or directory is any website or web application's internal structure.

- **<https://www. chtips.com/computer-fundamentals>**
- **<https://www. chtips.com/full-forms>**

In the above examples, computer fundamentals and full forms are the directories created on the domain name [www. chtips.com](http://www. chtips.com).

#### 8. WWW

The WWW stands for World Wide Web. It is denoted as the standard information system.

#### Different Types of Websites

- Jobs Website.
- Matrimony Website.
- eCommerce Website.
- Business Website.
- Entertainment Website.
- Portfolio Website.

- Media Website.
- Educational Website.
- Blog.
- News Website.
- Community Website,

## 5 Famous Website

1. [www.Google.com](http://www.Google.com).
2. [www.Youtube.com](http://www.Youtube.com).
3. [www.Facebook.com](http://www.Facebook.com).
4. [www.Twitter.com](http://www.Twitter.com).
5. [www.instagram.com](http://www.instagram.com).

## What are the Six Types of Web Pages?

1. Homepage.
2. Product Page.
3. Landing Page.
4. About Page.
5. Contact Page.
6. Search Page.

## 5 Qualities of a Great Website.

1. Neat and Clean Design.
2. Responsive Design.
3. Fast Loading Webpages.
4. Easy to Use & Navigate.
5. User Friendly.

## 10 Examples of Website URLs

# Website Name

- 1 <https://www.google.com/>
- 2 <https://www.Yahoo.com/>
- 3 <https://www.Instagram.com/>
- 4 <https://www.Twitter.com/>
- 5 <https://www.wikipedia.com/>
- 6 <https://www.facebook.com/>
- 7 <https://www.bing.com/>
- 8 <https://www.wikihow.com/>
- 9 <https://www.geeksforgeeks.com/>
- 10 <https://www.w3schools.com/>

## 4 Components of URL

- Scheme
- Host
- Path

- Query String

## What Is The Full Form of a URL?

The Full Form of URL is Uniform Resource Locator.

## Frequently Asked Questions [FAQs]

### What is the Hostname in the URL?

The hostname of the URL is a USV string containing the domain name of the URL.

### Is URL a Web Address?

Yes, a Url is a web address used to access any website or application.

### Does URL Impact Search Engine Ranking?

Google consider URL as a ranking factor.

### What is an example of a URL?

<https://www.wikipedia.com>

### What is the Most Popular URL?

[www.google.com](http://www.google.com)

### Who is the Father of URL?

Sir Tim Berners-Lee

### What was the First Browser?

The **WorldWideWeb browser**.

### What is www Called in a URL?

World Wide Web.

### What is the Most Popular Website in the USA?

[Google.com](http://Google.com)  
[Youtube.com](http://Youtube.com)  
[Facebook.com](http://Facebook.com)

## URLs are of Two Types

Absolute and Relative URLs

### How Many Types are Available in Relative URLs?

3 types are available in Relative URL.

## For More Information Please Do Visit:

1. <https://www.chtips.com/computer-fundamentals/types-of-urls/>