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bool set-time-limit (int \$seconds)

Limits/sets the maximum execution time for a program/page.

As, by default, max-execution-time sets 30 seconds in php.ini. So, if we pass 25 as argument in set-time-limit(25) on a page, then the script can run a total of $30+25=55$ seconds before timing out, after it a fatal error would be generated.

bool time-sleep-until (float \$timestamp)

Make the script sleep until the specified time.

Exa: time-sleep-until(time()+3); // sleep for 3 seconds
time-sleep-until(time()+0.2); // sleep for 0.2 seconds

void usleep (int \$micro-seconds)

Delay/Halt program execution for the given number of microseconds. No value is returned.

Exa: usleep(2000000); // wait for 2 seconds

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Refresh a page after every time interval of 5 seconds:

<head>

<meta http-equiv="refresh" content="5">

</head>

API (application program interface)

An application program interface (API) is code that allows two software programs to communicate with each other. APIs are implemented by function calls.

Example:

Following is an jQuery api (on Google CDN):

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>

</head>

Interface \Rightarrow a program that controls a display for the user (usually on a computer monitor) and that allows the user to interact with the system.

An application programming interface (API) is a software program which is designed for use by other software program. Whereas a normal software program is used by a (human) computer-user, an API is a software program which is used by another software program.

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Some famous terms

HTTP/HTTPS: The Hypertext Transfer Protocol (HTTP) is a networking protocol for distributed information systems. HTTP is the foundation of data communication for the World Wide Web/Internet. Most website URLs include the http:// protocol at the beginning of the address, however the https:// protocol may also be used for transferring data with encryption.

FTP: File Transfer Protocol (FTP) is a standard network protocol used to copy a file from one host (network/internet connected computer) to another over a TCP-based network, such as the internet. FTP is the standard method used for transferring files to a website or server and FTP is supported/offered by almost all web hosting companies/providers. If you are using a web hosting company/provider then they should supply you with your FTP login details when you sign-up, FTP details consist of a host address (a URL or IP address), a username and a password. Many web hosting providers offer control panels which allow you to manage your FTP accounts, and they often provide online file management tools allowing you to upload files to your website using your web browser.

HTML: Hypertext Markup Language (HTML) is the predominant markup language for web pages, and is often called 'the building-blocks of the web'.

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HTML is used to create almost all web pages, including the page you are viewing now, and popular websites including Google, Bing and Yahoo. Other languages and technologies may be used in addition to HTML, these include Javascript and CSS/Stylesheets. HTML documents are viewed/read using a web browser such as Microsoft Internet Explorer or Mozilla Firefox.

markup - मर्किंग - The amount added to the cost price of goods to cover overheads and profit.

Markup refers to the sequence of characters or other symbols that you insert at certain places in a text or word processing file to indicate how the file should look when it is printed or displayed. The markup indicators are often called "tags".

hypertext - हाइपरटेक्स्ट - machine-readable text that is not sequential but is organized so that related items of information are connected.

MongoDB: MongoDB is an open source, scalable, high-performance, schema-free, document-oriented database. Being 'schema-free' means MongoDB works differently from MySQL allowing for software to store data in a more natural way, whilst still being able to quickly search the data. (आइएसएलएलएस)

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PHP-FIG

It stands for \Rightarrow PHP Framework Interoperability
Group

PHP-FIG is a group of established PHP projects whose goal is to talk about commonalities between ~~all~~^{their} projects and find ways they can work better together.

PSR

It stands for \Rightarrow PHP Standards Recommendations

Coding Styles: Standardized formatting of coding styles reduces the cognitive friction when reading codes from other authors.

PSR-1: Basic Coding Standard

PSR-2: Coding Style Guide

Autoloading: It removes the complexity of including files by mapping namespaces to file system paths.

PSR-4: Improved Autoloading

Reference: <http://www.php-fig.org/>