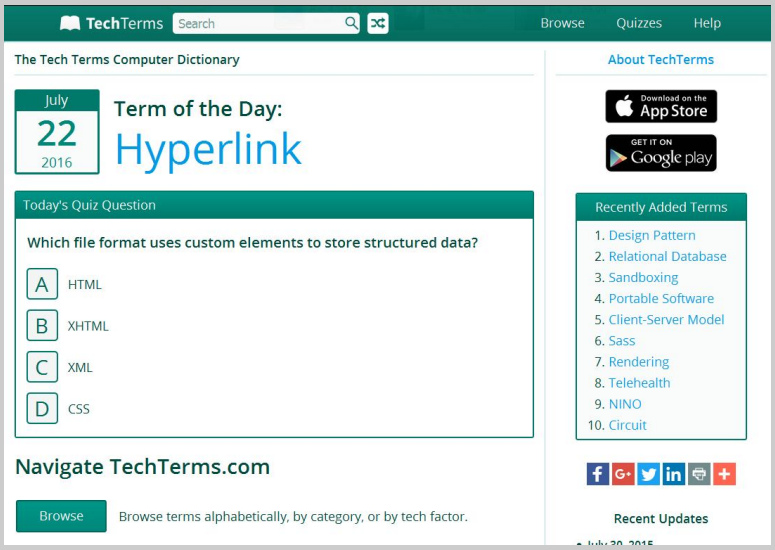
Name of the Tool	**The Tech Terms Computer Dictionary**
Home Page	
Logo	TechTerms
URL	http://techterms.com/
Subject	Computer - Dictionaries
Accessibility	Free
Language	English
Publisher	Sharpened Productions
Brief History	The Tech Terms Computer Dictionary is part of the Sharpened Productions (a web and software development company based in the United States). Mr. Per Christensson, Founder and President of Sharpened Productions and the author of all TechTerms entries, experienced the Internet in its infancy. The original TechTerms site launched in 2005 and it has been growing ever since.

Scope and Coverage	The Tech Terms is a free online dictionary of computer and Internet terms. This online dictionary offers definitions of computer and internet words and phrases to help one navigate the complex world of information technology.
Kind of Information	The terms in this TechTerms Computer Dictionary are commonly used and require little technical knowledge to understand. Others are less common and may have definitions that contain more advanced terminology. For this reason, each definition includes a "Tech Factor" rating from 1 to 10. Terms with low tech factors are basic terms that are well known, while terms with high tech factors are more advanced and are not used as often. For clear understanding some example through print screen are given below.

Term	Tech Factor
Backbone	■■■■■■■□□□
Backlink	■■■■■□□□□□
Backside Bus	■■■■■■■■■□
Backup	■□□□□□□□□□
Banner Ad	■■■□□□□□□□

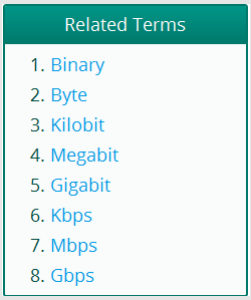
Under each term detail Description/Definition, Tech factor, Related terms, Updated date are present. Term's descriptions are cross referenced for clear view of that particular term. e.g.:

For the term **"Bit"**

A bit (short for "binary digit") is the smallest unit of measurement used to quantify computer data. It contains a single binary value of 0 or 1. While a single bit can define a boolean value of True (1) or False (0), an individual bit has little other use. Therefore, in computer storage, bits are often grouped together in 8-bit clusters called bytes. Since a byte contains eight bits that each have two possible values, a single byte may have 2^8 or 256 different values. The terms "bits" and "bytes" are often confused and are even used interchangeably since they sound similar and are both abbreviated with the letter "B." However, when written correctly, bits are abbreviated with a lowercase "b," while bytes are abbreviated with a capital "B." It is important not to confuse these two terms, since any measurement in bytes contains eight times as many bits. For example, a small text file that is 4 KB in size contains 4,000 bytes, or 32,000 bits.

Generally, files, storage devices, and storage capacity are measured in bytes, while data transfer rates are measured in bits. For instance, an SSD may have a storage capacity of 240 GB, while a download may transfer at 10 Mbps. Additionally, bits are also used to describe processor architecture, such as a 32-bit or 64-bit processor.

(Underlined terms are cross referenced)



The term updated: April 20, 2013.

Special Features

- Links to various social networking sites like Facebook, Twitter, Google plus etc. and Blog are available.
- Term of the day, list of latest added terms, list of popular tech terms etc. are also available.
- Links to other site like FileInfo(The File Extensions Database) and Slangit(The Slang Dictionary) are includes.
- TechTerms definitions are available via the web as well as from mobile apps for iOS and Android.
- Every day quiz question "Today's quiz question" is shown here.
- Month wise quiz archives for last five years are also present here.
- A general feedback option available here.

Arrangement Pattern

In the home page there is "Browse Terms" button. Clicking on which one can find A to Z arrangement of technical terms and some terms are also found under the "#". For example under the alphabet 'A' the terms like Abend, Access, Access Point , ACL, Active Cell, ActiveX, Ad Hoc Network, Adapter, Adaptive Content etc. are arranged alphabetically. Under '#' terms like 3D Printer, 3G, 404 Error, 4G, 4K etc. are arranged.

The terms are also arranged Category wise and Tech factor number wise. The terms under each Category are arranged in alphabetic order. For example the category named 'Software terms' covers the following entries like GNU, Gnutella, Golden Master, Greenfield, Grep, GUI etc are arranged alphabetically. Also the terms under each Tech factor number are arranged in alphabetical order. e.g.: Under Tech factor

	number ‘3’ terms like Banner Ad, Bit, Blog, Bounce are arranged.
Remarks	This freely available online dictionary on computer and internet related terms is a great help for the students, researchers, teachers and the computer lovers of all round the globe.
Comparable Tools	➢ Technology Dictionary (http://www.techdict.org/) ➢ Glossary of IT Terms with Links (http://www.cryer.co.uk/glossary/) ➢ WhatIs.com (http://whatis.techtarget.com/)
Date of Access	July 22, 2016