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Foreword

The internet is a infinite platform of information and this can be sources easily and conveniently with the right assisting tools. However besides having the most current and updated tools, there is a need to have the best applications to go with the tools to ensure optimal results. This is where the new web 3.0 takes the prize for its most current and up-to-date facilitating element for the web user. Get all the info you need here.

The Amazing Web 3.0
Unleash the future of the web

Chapter 1:

Introduction To Web 3.0

Synopsis

Very simply explained as the next generation rave, the web 3.0 will make the task of searching for a number of things at any given time, easier and faster with the least amount of effort put in on the part of the user.

An example of which is as follows; if the user is making arrangements to watch a movie and to have a meal out, the browsing exercise will commence where the user will key in the request to view all movies available for the desired time frame.

The Basics

Then the user would want to access information on the movies identified as suitable for the time requested. Once this is successfully done, the user would then have to browse the web for the suitable eating arrangements to be identified and the relevant reservations to be made.

All this is time consuming and required the user to open several websites in order to finally narrow down the information needed to the complete outing endeavor.

The web 3.0 is a convenient application that helps the user eliminate a lot of the steps involved, and gets the information needed in the fraction of the time needed for the more conventional style of browsing.

All the user would have to do would be to key in a request of all the elements needed in one sentence and the web 3.0 will do the rest. The eventual results will present the user with the complete options, with the application doing all the work.

Chapter 2:

Moving From Web 2.0 to Web 3.0

Synopsis

Simply described as applications that are built one on top of the other with better feature included as it evolves these applications are fast becoming a interesting addition abet rather confusing for some. However with the introduction of newer elements the end user is usually able to enjoy better quality information from the browsing exercise.

Making The Move

Currently the web 2.0 is a read and write web tool that is seen to be quite compatible to the needs of the majority of the online users. The ability to contribute content and interact with other web users has dramatically changes the general experience of being connected online. Sites such as YouTube and MySpace which heavily rely on user submissions makes the obvious potential clearly evident, as it increasingly becomes a welcomed response to the demand of web users who want the access to be more involved in the information available.

When it comes to the web 3.0, there are significant improvements which seem to guarantee the vague elements of web-versioning nomenclature incorporated in its style. Here the mainstream intention would be to provide the user with the ultimate experience of being able to "read, write and execute" web presentations.

 However in its abstract form this may be rather difficult to envision, thus the need to explore it through the basis of semantic markup and web services.

The semantic markup refers to the communication gap between the user and the computer program applications. However it can be rather challenging, presenting information on the web as these applications are usually not able to provide context to the data and therefore don't really understand the relevance of the material and its

merits. however work is being done to create the ideal platform for the data to be put in a form that is not only accessible via natural language but can also be understood and interpreted by the software applications.

Chapter 3:

The Characteristic Of Web 3.0

Synopsis

Ideally meant to be a better and more feature friendly version the web 3.0 is fast proving it's met in the IT industry. As a constantly evolving industry the web 3.0 is here to stay for at least the near future.

The Features

Currently being used by Google, Amazon.com and eBay, these big players have yet to assume the role of becoming the dominant players as such.

There are currently also other participants such as WebEx, WebSideStory, NetSuite, Jamcracker, Rearden Commerce and Salesforce.com. It should be noted that the web 3.0 isn't just for shopping, entertainment and search facilitating, but is fast growing as the business computing convergence on the same fundamentals on demand architecture as the other consumer applications used.

The API services form the fundamental layer of offerings of the web 3.0 where the services were originally hosted in web 2.0 but now evolved further to accommodate the demands of web 3.0 instead.

This makes the web 3.0 a significant commodity layer within the online platform as the web 3.0 matures along with the growing demands on the services provided the end user will be able to enjoy many more beneficial features.

The Aggregation services which also form a layer within the platform offered to the user is where the profitable contributing angle if found for those using the web 3.0 for this optimal reason. Here some of the hassle of locating the entire raw API services in done by bundling the

entire various connective element and compiling them into one ideal presentation.

Application services are again another layer that provides the desired profits looked for within the new composite of application that bring functionality from multiple services to help the end user achieve the intended objectives in a comparatively flexible, intuitive and self evident manner.

Most users are excited at the prospect to being greeted with applications and discovering delightfully the delivery of the utilities that are new and little known but hugely beneficial to them.

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Chapter 4:

Mechanics Of Web 3.0

Synopsis

With the various different contributing parties racing to provide the end users will the ultimate online experience the huge leaps and bounds being made towards enhancing any exercise connected to these platforms are constantly evolving. The web 3.0 or otherwise known as the semantic web makes applications like the web 2.0 seem rather ancient, though this is not to say the web 2.0 is now obsolete.

How It Works

The web 3.0 is being steered towards the focus of being able to provide the user with a more personalized and easy to use web access, while eliminating the need for several previously used steps during the online search exercise.

This is supposed to ideally contribute to the faster and more efficient searches conducted. This translates to the computer being "smarter" and can thus better understand what the user is ultimately searching for and then narrow down the search to present the optimal desired results.

Simply put the semantic web is able to read the information on the search engines and software agents by better trolling the Net and then present the end information in a concise and very niche manner.

There are some ambitious rumblings of the user eventually being able to perform all tasks in the virtual world circumstances. This would ideally mean the user would be able to seemingly physically walk into a virtual environment to make the desired purchases on enjoy the desired experiences.

In terms of what it would actually mean to the computer or tool being used at the time, would be the technological advance where the elements are in place to eventually replace older applications

with newer ones to ensure the web 3.0 now functions according to all the new inclusions in the system. This preventive maintenance will allow the user to keep the programs undated and always accommodating newer additions.

Chapter 5:

Semantic Web - The Concept Behind Web 3.0

Synopsis

Semantic web also otherwise often referred to as web 3.0 is basically a web of data. There is a lot of data available online which is not necessarily used by those engaging in online activities.

Changing It

All the various functions that are usually sought after by online users are usually centered on the need to refer to several different and distinct sites for the information needed.

Examples of which would include viewing bank statements, viewing photos, perusing through calendars and so on.

However if the user wanted to see the photos according to the calendar while also being informed of the activities slotted for the day it would not be possible to view everything on one open page according to the old or even current systems.

This is due to the fact that most users do not possess the web of data in one controlled application as currently each application functions separately and individually.

The concept behind the semantic web would be depicted in two distinctive ways and these would include the use of common formats for integration and combination of data to be drawn from very diverse sources and the language of recording on how the data relates to the real world objects.

The original form of information would then be mainly concentrated on the interchange of documents to eventually produce all the intended information needed to be compiled in one.

This then allows the user to start off on one database and then move through an unending set of databases which are all connected not by

wires but by simply being about relatively the same basic thing. This way many connective issues can be sorted out online to produce the one desired piece of information as concisely and informatively as possible.

Chapter 6:

What's Next After Web 3.0

Synopsis

Some of the current features that are utilized by the users on a regular basis would include the fast connection that enable more vibrant connections, much more content access for the user generated tools, online sales the can be become measurable and an increasingly important factor to the economy, keyword enhanced search engine positioning, click through advertising, social networking sites offered by the likes of MySpace, Facebook, YouTube and more, where online communication are facilitated, wikis and wireless devices. All of the above are considered rather common that expected services to be enjoyed online almost anytime and anywhere.

What's Next

However as mentioned the constant need to keep abreast with the demands of end users, there is always something new being "brewed". Hence the birth of the web 3.0 platform, to help this need for further satisfaction.

Copying most of the already existing elements, the technologies and trends that make up the basis of the web are now being challenged to move to greater heights.

While some technologies such as social networking and wikis are rather tangible to business, others such as emailing, instant messaging, browser based communications, sear engines, online marketing are all central to any and every type of business entity in existence.

Although most of these businesses have yet to completely exploit all the possibilities the online progressions are capable of providing, it will does not seem to affect the need for the IT to continue to explore newer and better tools and applications for the end user.

Wrapping Up

By current online standards most users are able to enjoy an array of applications that help them get the required needs fulfilled quite adequately. However with the growing progressive nature of the IT industry current conditions and achievements are never enough thus the evidence of constant evolving and revolutionary ideas being born.

We have given you lots of insight into the latest technology. Now go out and use it.