

QUALITIMES

A QUALITY THAT DOES NOT CHANGE WITH TIMES

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May this Diwali illuminate, the hearts and minds of your brethren, with the grace and light of the Lord.

Qualitimes wishes all its readers a very happy and prosperous Diwali.



Editorial Panel

- Geeta S
- Jyoti R
- Sunmeet S
- Venu M

(Want to be a part of the panel. Forward your interest to: - "qualitimes@qualitreeinc.com")

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Editor's Choice...

Hurricane Sandy

Charanjeet S Minhas

When growing up in Punjab, India, and even later, the inclement weather to me meant either a lot of rain or powerful winds or both. Mundane life is affected, especially when both are simultaneously in play. My hometown in there is Patiala. It is notorious for flooding in the aftermath of torrential rains- something the residents of the city fear the most. Besides spreading various kinds of diseases, the damages like dampness and worse take long time for amelioration. Many parts in North India experience hot, dry winds called "Loo" in the months of May and June. The residents in these areas dread them.

But my imagination could never stretch to include the extreme I saw in last few days here in the United States in the wake of Sandy. Whoever named it so sure needs to visit the doctor or going back to basic education may be even more appropriate. It was not only Sandy but Wetty and Windy too! Twenty seven feet high tides and double digit high flooding in the cities. The three digit high miles per hour speed winds made the word colossal feel mild, out of room and shy.

America's advancement on all fronts like infrastructure, technology, planning and what not just wasn't enough to prevent the 55 most unfortunate deaths in last three days. The economic damage is estimated at more than twenty billion dollars (1 lakh crore rupees). Millions of homes experienced varied periods of power outage. Hundreds of thousands even after days still do not have it. I am not sure what will convince the cynics of the presence of 'supernatural' and of the need and esteem in humbleness.

Sandy - A short for Cassandra, a Greek mythological figure who symbolizes tragedy. Cassandra was given the gift of prophecy; she could either see or smell the future. Along with the gift came a curse as well: it's warnings about the future disasters were doomed to be ignored.

Has anything to share - We are all ears!!! Please send in your articles to: qualitimes@qualitreeinc.com

Glimpse at Java Web Applications - Part II

HOW STATIC AND DYNAMIC WEB PAGES WORK

The Figure shows the basic components that make up a web application as was seen in the last article. In addition, this time one can see the content serving of web pages from two different sources – html repository and web applications.

HTML (Hypertext Markup Language) is the language that the browser renders to the web pages that make up a web based user interface. Many of these web pages are static web pages, which are the same each time viewed. In other words, they don't change based on user input.

In the figure the process begins when a user at a web browser requests a web page by either entering a web address or clicking a hyper-link that leads to another web page. In either case, the web browser uses a standard Internet Protocol known as Hypertext Transfer Protocol (HTTP) to send a HTTP Request to the web server (at website). The web server on receiving a HTTP request gets the requested HTML file from disk and sends it to the web browser in the form of a HTTP Response that includes the HTML document requested along with other resources used by the HTML code such as graphic files. The web browser on receiving the HTML Response renders the HTML document into a web page that the user views.

In contrast, a dynamic web page changes based on parameters that are sent to the web application (note on figure) from another web page. For example, while shopping for an item, when we click the

“Add-To-Cart” button on a certain web page, the static web page calls a web application and sends the “item data” as a parameter to it. The web application (on web server) generates the dynamic web page and sends the HTML code back to the web browser.

Refer to figure again. The web browser sends a HTTP Request to the web server on a user action such as button click. This request contains the address of the next web page along with any data entered or selected by the user. On receiving this HTTP Request the web server determines that it is a request for a dynamic web page, thus passing it to an appropriate web application (on web server). Upon invocation the web application processes the data that user provided at UI and generates a HTML document. This document is wrapped in a HTTP Response by the web server and sent back to the web browser as before, and is displayed as before.

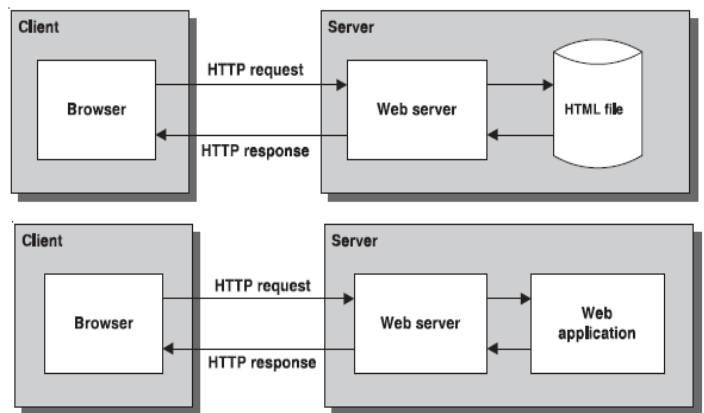
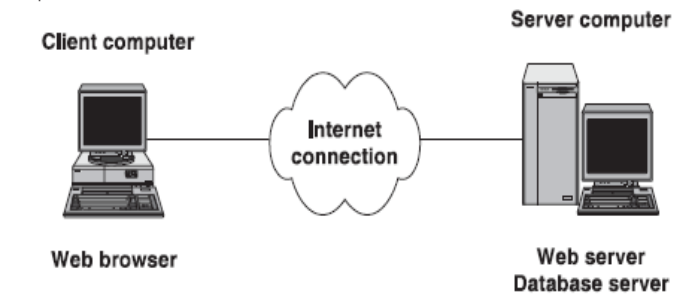
Review Notes

Hypertext Markup Language (HTML) is the language that the web browser converts into the web page user interface of our web applications.

Next time we review some more notes... and start looking at web based Java.

Prabhjot B

Components of a web application



Web Applications – Static/Dynamic Web Pages



October 2012
Sumit Kr. Sinha



For an outstanding performance in the responsibilities held, Sumit was chosen as the star of the month for October - 2012. Sumit made contribution in handling R & D activities to meet customer expectations besides taking care of other day to day activities like script executions.



JUMBLE

RZDUA	○ ○ ○ ○ ○
RNIME	○ ○ ○ ○ ○
VOI	○ ○ ○
TLOB	○ ○ ○ ○
EPAOR	○ ○ ○ ○ ○

Participate and win; the first correct entry wins a gift of \$10.00*.
Send in your completed entries to:
jumble_qualitimes@qualitreeinc.com

**Worship of Implements
"Ayudha Puja"**



Joy is the most infallible sign of the presence of GOD.

Punches, pulls and bumps!!

- Nov 6 - Deepanshu S
- Nov 8 - Subramaniam L
- Nov 8 - Sanjeev S
- Nov 10 - Gaurav S
- Nov 18 - Noor H
- Nov 28 - Pritpal T

Enna Rascala ... Mind It !!



A Traditional Attire on the occasion of Ayudha Pooja and Dussehra.(L-R: Shashank B, Jaspreet G, Rakesh B, Subrat P, Rohan P, Srikanth K, Siva P, Bharath R, Gopi U and Rajat R.)

Ooops.....Stylo is hErE



Wishing you treasure of happy yesterdays and the gift of bright tomorrow. Happy Birthday Devraj!!

Yellow Yellow Dirty Fellow!!



A gift, with a kind countenance, is a double present. Happy Birthday to Sumit Sinha & Shashank Shekhar.

*0-0-0 Life Goes On.....
There's one thing you've got to learn,
Life's full of twists 'n turns,
You've got to break the rocks in the hot sun,
For the tide to turn.
If there is night, there has to be dawn.
0-0-0 Life goes on....
Yesterday may have been the pits,
Today you may be a complete misfit,
But tomorrow's a new day,
So don't give up that weeny ray.
You've got to pray, dream, hope and move on,
0-0-0 Life goes on....*

- Rakesh B.

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BUZZ OF THE MONTH

- Qualitree signed a service agreement and SOW for on-site software testing services with International Reading Association in Delaware and Central Garden and Pet Inc., based out of the West Coast, USA.
- Qualitree Inc., successfully completed a training program in Advanced QTP with Corporation Services Company based in Delaware. The client is a worldwide leader in business, legal and financial services.
- Qualitree further strengthened its existing relationship with a major financial institution in the United States with the addition of ten more software test automation engineers.
- Tekstrom Ltd, Canada and Cycom Consultancy ink a pact to jointly offer resource augmentation services to customers in Canada.



Word Puzzle

In the following word puzzles, a word starts and ends with the same letter. Figure out the words and win*

1	_ A U G _	
2	_ R I M _	
3	_ R A A R _	
4	_ I N I _	
5	_ A J J A _	

* Send in your entries to "qualitimes@qualitreeinc.com" with the subject "Word Puzzle"
The first correct entry wins a gift of \$10.00

Answers to last month's Jumble:

- THUMP
- FAIRY
- Frame
- Miny
- Gourd

Last Month's Winner:
Satyajit S.

Other correct entries:
Annavi K, Brajesh M, Devraj K,
Rakesh B, Srikanth K.

Answers to last month's
Word Puzzle:

- MAIM
- SPECIOUS
- AGORA
- NEUTRON
- CARDIAC

Last month's winner:
Satyajit S.

Other correct entries:
Annavi K, Brajesh M, Devraj K,
Rakesh B, Sarabjit K, Srikanth K.