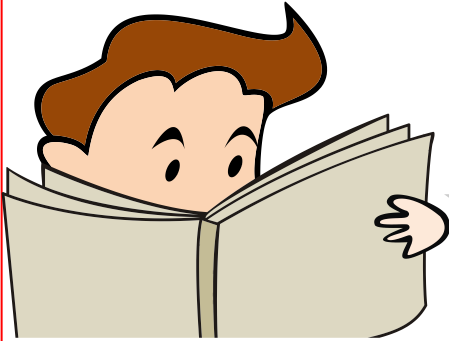## Editor's Choice...

My Religion!

Jyoti R

"Are you a religious person?" Someone asked me & I thought for a while before replying that if being "religious" meant reaching out to God through rituals & fasts, then the answer is "No". However, my understanding of religion has always been very ambiguous ever since I was a child. Now, I grew up in a typical middle-class mohalla of the yore, dominated by Punjabis, Sikhs as well as Hindus but also having a smattering of Christians here n there & seeing them all so fiercely passionate about their religious identities confused my little mind as I could not understand their zeal, bordering on fanaticism, towards propagating their religious tenets& being so ruthlessly protective about their beliefs. Years later, when I traveled to Mauritius, I saw the same divide still persistent even in third or fourth generation Indians who proudly displayed their religious identities in their courtyards, a small temple or tulsi if you were a Hindu & Aayats hung on your entrance door if you were a Muslim. Even the interactions between the communities remained bare minimum. The religious divide had managed to transcend borders, continents, even generations. I was my confused little self again as I always thought of religion to be the glue that was created to keep people united, to keep the animal in them in check by instilling the fear of God if you did wrong or caused harm to your fellow human being in any which way. It was the boat that saved humanity from sinking & perishing in the sea of inherently destructive nature we are born with, the light to guide us through the darkness, the hope & faith we hang on to in our darkest hours yet as is our disposition, we misinterpreted it, took a few words out of context, gave them a different meaning & handed over a very potent weapon in the hands of some extremely manipulative vested interests & lo behold! religious fanaticism was born. The tool that was created to keep mankind together in the most constructive manner became the very reason for them to destroy each other. The conquests of empires in history have always carried conversions as one of the prime agendas besides looting & killing. I find it tragically ironical that these emperors & their armies first looted, raped & killed people, forcefully converted them so that they can propagate their religious teachings which primarily preached love & kindness to fellow human beings. Sigh.. History can be a satirist's delight! And in a country like India where even today your religious identity spills into every major aspect of your life (if you're not living in cities) many an elections have been fought & won purely on the basis of religious & caste divides. Why is everyone so staunch & touchy about their religion? Is it the conditioning, is it really a genuine faith in your beliefs or is religion simply an instrument to further fan our already inflated egos? Either ways, the culture of intolerance that the mis-interpretation of religion has bred has come full circle. Its high time we realize that we're merely playing into the hands of cunning politicians & religious leaders when we get offended by paintings, cartoons, movies or any medium that uses imagery of our Gods to convey the artistic expression &when the only thought we spare while voting is if the party is protecting our community's interests? As our country stands on the threshold of another elections, it is our chance to give such communal forces a resounding slap for harping on the same issues time & again. That confused little girl who related religion with fanaticism & intolerance has grown up. Time you did too!

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)

Inside this Issue

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

Performance Engineering

Rajnish M

Performance of any application is a key factor for success, especially if it is a customer (external) facing application. Today in majority of QA Department, we do not have performance engineering practice instituted. Some of them do only the performance testing, which is nothing but generating a load on the system, which is not enough. Also, some companies does the performance testing at unit level and mostly after the fact when defect is found. Investigations suggested that performance testing by test team is mostly load generation, which is only 35% of the work from performance engineering perspective.

Performance engineering practice should be established in QA Department IT. Performance engineering has three major parts

- Performance Strategy & Planning
- Load Generation
- Performance Analysis & Troubleshooting

QA department should hire the right skill set who can perform above major tasks.

Performance Planning & Strategy

Any performance testing effort should start from detailed and clear performance planning & strategy. This activity should clearly state the goal, performance objective; scope Items, systems in scope, out of scope, SLAs, tools used etc. Detailed study of system architecture is extremely important. Performance Architect should gather all the above details and business scenarios that are critical to business with the possibility of creating performance issues. Similar exercise of compiling the business scenarios should be executed while system is communicating with other systems. Create business value matrix by collecting SLAs for all selected business scenarios. If it is an existing application in production, baseline data should be collected. User metrics should be generated for each of the business scenario. Test environment is a key to success of performance testing. Correct sizing of hardware and proportionate scaling of users and SLAs are critical. We need to ensure that the performance environment is replica of production. There are instances where exact replica of exact system cannot be generated. In that case issue, risk and exception should be created. Depending upon the tool we are using, in case of LoadRunner, technology study is needed to be conducted to identify the LR protocol from tools perspective. HP-ALM is a great tool that has an ability to create server architecture diagram in the tool and connect them, it provides the great view of system architecture under execution.

Load Generation

Load generation is where the actual load testing scripts are created and executed. Using the right protocol Performance Lead should create load test scripts in VuGen in case of LoadRunner. Test case can be created, stored and executed from HP-ALM. There are a whole set of details that needs attention while creating load scripts. Standards scripting method needs to be followed.
Once the Load Test scripts are ready, create a scenario in controller and execute them based on BVM.

Performance Analysis

Performance analysis is the 35 % of the performance engineering effort. Performance Engineer should have the skills and tools to pin point the problem in performance. A variety of tools are available in the market. The tool which has the largest market share is Wily, Introscope by CA. This tool has an ability to diagnose the performance of system architecture at code and method level. QA Department should bring skilled and experienced resources for performance analysis.

By following the above process for performance engineering, we can promise a quality product to customer from the performance quality perspective.

An Evening of Memories...

Punches, pulls and bumps!!

Sept 8 - Amit C

Sept 9 - Jacob B

Sept 15 - Prabhjot B

Sept 18 - Pradeep Y

Sept 22 - Brian T

Sept 26 - Rohan P

Sept 29 - Vishwa M

Sept 30 - Ashwini S

Newark "Qualifiers" with the great "Bali - The Baaniyaa"

JUMBLE

MUSTP ⬭⬭⬭⬭⬭

EVEERDIC ⬭⬭⬭⬭⬭⬭⬭

ZOYOW ⬭⬭⬭⬭⬭

ACGLN ⬭⬭⬭⬭⬭

HORNTG ⬭⬭⬭⬭⬭⬭

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

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LOL

USER FRIENDLY by Illiad

Answers to last month's Jumble:

- BLISS
- CHOLERIC
- BERATE
- CAMEO
- BELIE

Last Month's Winner:
Shameem S.

Other correct entries:
Shashank S.,Sivaprasad,Sarabjit K. and Ritu G.

Answers to last month's Word Puzzle:

- TRENCHANT
- SURREPTITIOUS
- EXACERBATE
- DEFAMED
- SUMPTUOUS

Last month's winner:
Shashank S.

Other correct entries:
Sreekanth M.,Ritu G.,Bharat R. and Sarabjit K.
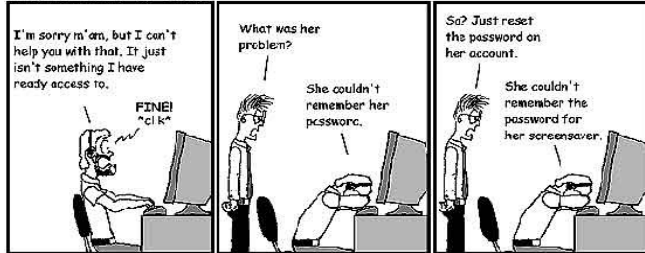
BUZZ OF THE MONTH

- Qualitree successfully completes one HP UFT knowledge transfer program to one of the biggest logistics and moving company of the United States. The program was so successful that the client is keen on another similar program in the coming month.
- Thick talks in progress to ink a resource augmentation pact with one of the big service providers from the state of California in the United States.
- Qualitree successfully closes on with a services company from Africa to provide HP ALM resource augmentation services to one of the biggest Oil / Gas companies of Africa.
- Qualitree signs up an agreement with a large mobile application development company from Illinois for providing resource augmentation services.

Word Puzzle

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

1	_DNEX_	
2	_TAGER_	
3	_ _ISTICUF_	
4	_ _HRIFTIES_	
5	_ _UFFIS_ _	

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