

# QUALITIMES

A Quality that does not change with times

May 2011  
Volume 1, Issue 8

Editorial Panel:

- Prachi P
- Sunmeet S
- Venu M

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



Charanjeet S Minhas sharing moments with the family members of legendary Punjabi poet, Shiv Kumar Batalvi

## Kumar Batalvi - A Poetic Miracle

Inside this issue:

SOA Test Strategy	2
Go Goa	3
Punches, Pulls and Bumps	3
Jumble Times	3
Buzz of the Month	4
Word Puzzle	4
Team India - Jai Ho!	4

### Charanjeet S Minhas

A poet and/or a writer can do to a language what a mother can do to a child. The esteem and popularity of a language is largely a measure of its 'wordy' people. Their own tallness depends upon many intrinsic things like power to contemplate, passion, courage, observation, et al. Like any other sphere, here too, individual's ability to dedicate self fully to it changes the whole balance.

What Ghalib did for Urdu or Keats/Shakespeare did for English; Shiv did that for Punjabi. He is a flame that, unfortunately, lived only for a very brief period (23 July 1936 – 7 May 1973) but whose glow and fragrance is warming more and more hearts as years pass. He is the youngest Indian, at the age of 28, who received India's highest literary award, Sahitya Akademi Award in 1967, given by Sahitya Akademi (India's National Academy of Letters), for his epic verse play based on the ancient legend of Puraan Bhagat, Loona (1965), now considered a masterpiece in modern Punjabi literature, and which also created a new genre, of modern Punjabi kissa.

This May 2011 is his 38th death anniversary. Needless to say, he lives in the hearts of his admirers, and through his passionate and enchantingly lyrical poetic expressions of the pathos of his time. It is the writer's great honor to have met and talked with this legend's wife Aruna, son Meharban and his wife and daughter. Below I reproduce couple of lines of one from the ocean of gems he left for us all:

*Jadon meri arthi utha ke chalan ge  
Mere yaar sab humm humma ke chalan ge  
Chalan ge mere naal dushman ve mere  
Eh vakhri hai gal muskura ke chalan ge  
Rehian tan te liraan mere zindagi bhar  
Par maran baad mainu sajjaa ke chalan ge ....*

When they carry my body on its last journey  
All my friends will willingly be there to **walk with me**.  
They too will **walk with me** who once my foes were,  
It's another matter, that they, with a smile will **walk with me**.  
All my life my body was covered by no more than rags,  
But, upon my death they shall adorn my body...  
**when they walk with me...**

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

## SOA Testing - Testing Strategy

### Rajnish Mehta

SOA testing will require test teams to have a detailed understanding of the underlying SOA architecture and technologies. This must include an understanding of Network Security. We must have a clear understanding of business rules. We must know the web service that will be created or will be used as a part of the current project. We must know which all external application/process uses that web service. We should have done the detailed study of technical design of the project. New breed of tools should be used for functional testing at integration layer which typically does not have UI. Test teams should be aligned with the business process/groups. This will help test team to do effective testing at integration and application layers.

We must have comprehensive test approach which includes the testing of each component as whole then integrating all components to construct the expected application. Security testing should be done at each level. We must have complete test approach to cover the complex interdependencies among each component.

We should have test approach to cover below types of testing as a part of functional testing

- Governance Testing
- Service-component-level testing
- Service-level testing
- Integration-level testing
- Process/Orchestration-level testing
- System-level testing
- Security Testing

**Governance Testing** - SOA Governance is a critical component for success of SOA testing project. It represents the entire lifecycle of SOA Implementation. SOA Governance refers to the Standards and Policies that govern the design, build and implementation of a SOA solution and the Policies that must be enforced during runtime. This requires well defined SDLC standards which will guide the SOA Implementation. Governance policies include business rules, audit policies, performance, security access, Disaster Recovery and fail over. Test cases should be constructed and executed in all of the project test phases to determine if SOA governance policies are being enforced. SOA governance is not a separate phase; it is enforced throughout the test life cycle.

**Service-component-level testing** – This testing is executed and controlled by development. Each component is tested before they are integrated and further level of testing is performed.

**Service-level testing** – This is extremely important to test each services at this level. Functional and performance testing should be done meeting the business rules at this level. This is important that not only all services are functionally correct but also they are meeting overall project governance standard and other process and applications that are using the service.

**Integration Level Testing** – This level of testing if interface behavior and information sharing between the services are working as designed. It is important to define the test scenario to confirm the layer of communications. Testing should ensure that all services are meeting the business rules and standards. Test scenario might also be extended to external applications.

**Process/Orchestration level testing** - This level of testing ensures that all services are operating collectively as per business logic and sequencing.

**System Level Testing** – This level of testing will ensure that the application has met the user need defined by business.

**Security Testing** - SOA requires security testing to be designed and planned right from the start of the project. Security testing should be executed throughout the project test phases and not just when the complete system has been delivered at the end of the life cycle.

**User Acceptance Testing** – This testing will be done by group of real user of the application. This test will ensure that all users' needs are met.

**Risk Based Testing** – Test phase of any software development effort run into time crunch. Risk based testing is the best way to assess the work needs to be accomplished in short time, keeping the quality. Requirement Traceability & Coverage matrix, defining the priority and severity to test scenario based on the prioritize business requirement are some tools that can define the Risk based testing.

*(Rajnish is a Senior Test Architect with a vision of setting up the SOA testing's center of excellence. He has also authored many publications and whitepapers on SOA and various other software testing techniques.)*

# Go Goa - 365 days a year!!

**Amit C**

We would like to share our golden moments of the recent Goa trip. It was in Goa that we celebrated the world cup victory after a long hurdle of 28 years. Soon after we reached, we found ourselves glued to the TV screens in our hotel room watching the Sri Lankans batting first. Just before the Indian squad was back on the fields, we hired our bikes and headed straight to the beach. There was a big cinema size screens in the open and those moments of excitement and the anxiety after every ball cannot be described in words. As the Indian batsmen were thrashing the Sri Lankan bowlers, the cheer of the crowd was getting louder and louder. The moment of watching world cup final on a beach was awesome. For each and every boundary the whole crowd is clapping & enjoying the moment. Finally after giving a tough fight and consistent struggle, India won the world cup. The streets of Goa were flooded with motorbikes in groups holding the tri-color flags and people shouting **Indiaa!!!Indiaaaa!!! Indiaaaaaa!!!**. The moment brought tears to our eyes. We also joined one of the bike groups. We are dancing, hugging and handshaking with each other without knowing anyone. It was that moment that the true spirit of integrity was seen among our people. Truly, cricket is a sport that really unites our country. On next day early in the morning we went to the beach again and made world cup symbol in the sand and took pictures. Finally, it was a wonderful and eventful trip that will be remembered for long!!!!



All set and ready to VROOOOOOOOOOOOOOO on the streets of Panjim

Punches, pulls and bumps!!

- May 3 - Rajesh R
- May 3 - Sushma P
- May 5 - Bharath K
- May 10 - Vipin K
- May 11 - Vishal S
- May 13 - Surendra K
- May 15 - Sreekanth K
- May 15 - Thyaga K
- May 15 - Kishore K
- May 22 - Harshpreet D
- May 22 - Rajath V
- May 25 - Supriya U
- May 30 - Surinder P

Thrill, joy, cheers and beach - what else can one ask for !!  
 Congratulations to team India from team Qualitree!!



**Aye meri nanhee si pari...**

**Teri jeevan rahe khushi-yonse bhari...**

Venu M wishes his elder angel Srujana a very Happy B 'day!!

May God bless her with all the happiness and success in the years to come!!

Answers to last month's Jumble:

- EMULATOR
- AUDIT
- TOPOLOGY
- ANALOGY

**Last Month's Winner:**  
**Srinivas R**

Other correct entries:  
 Amit C, Shyam P, Praneeth A, Ankit G, Abhinav R, Sreekanth K, Robert B, Anjanay K, Manish S

## JUMBLE

NBACRH ○○○○○○

AEYPRL ○○○○○○

NEXOTCT ○○○○○○

MEXRETE ○○○○○○

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



Plot 220&221, Jigani Bommasandra Link Road  
 Bangalore - Karnataka  
 India - 562105  
 Ph: +91 8027 839215

18 Shea Way, Suite 101                      1699 Wall Street Mount  
 Newark - DE                                      Prospect - IL USA - 60056  
 USA - 19713                                      Ph: +1 847 640 8448  
 Ph: +1 302 709 5900

45 Bramalea Road                              A - 47 New Amritsar G.T  
 Suite 208    Road  
 Brampton - Ontario                              Amritsar - Punjab  
 Canada - L6T2W4                                      India - 143006  
 Ph: +1 647 428 4470                                      Ph: +91 183 2700055

[www.qualitreeinc.com](http://www.qualitreeinc.com)

## BUZZ OF THE MONTH

- A telecom giant in the US takes a closer look at TT Workbench and evaluates for a company wide implementation.
- Tekstrom, Canada plans for its first ever "Street Meeting" sales campaign.
- Many congratulations to Mr. Atul Kaushik for completing his fifth annual tenure with the organization. Wishing you great luck and many more years of success.
- Sarabjeet Kaur and Prashant joins the Bangalore sales wagon. A very warm welcome to both of them and a wishing success in years to come.
- A public sector IT consulting organization from India further entrust the TT products and orders term licenses.
- A proof of concept is in full swing for a healthcare product provider in the province of Ontario, Canada.
- After successfully completing one iteration of iPhone application testing, the telecom giant is looking out for testing its application on the Android platform.

## Team India - Jai Ho!!

Vishva cup ke aanand me humne aapne aap ko kho dala  
 Dhoni ke akhri ghav ne to sara shrum dho dala

Prabhu shri Ram ki sena ne aisi deekhai hai veerta  
 teer mara aaisa har shatru paksha ko cheerta

Sachin, Dhoni, Yuvi ne khoob deekhaya kartab ka mel  
 Mano ya na mano lekin yeto sab Sharad Pavar ki Lilao ka khel

Bharat ke shoor veero ne banayi dooniya me pehchan  
 Doobte hoove One day cricket me fir aa gayi ja me jan

-----Hrishi Potdar

Answers to last month's  
 Word Puzzle:

- FLYLEAF
- TOAST
- CLERIC
- ARMADA
- XEROX

**Last month's winner:**  
**Srinivas R**

Other correct entries:  
 \* Amit C  
 \* Hemant G  
 \* Siddharth K

## Word Puzzle

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

1	_ E A P O _	
2	_ I L L O _	
3	_ A Y A _	
4	_ A P E _	
5	_ O I L E _	

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