

QUALITIMES

A QUALITY THAT DOES NOT CHANGE WITH TIMES

Editor's Choice...

New York state legalizes gay marriage....

Charanjeet S Minhas

Plato by many is saluted as the most eminent Philosopher that ever lived on this planet. His saying on same-sex relationships was, "Homosexuality, is regarded as shameful by barbarians and by those who live under despotic governments just as philosophy is regarded as shameful by them, because it is apparently not in the interest of such rulers to

have great ideas engendered in their subjects, or powerful friendships or passionate love-all of which homosexuality is particularly apt to produce".

I still vividly recall from high school and college days in Punjab and Maharashtra states of India that the movie *Pehchan's* song "...aadmi hun aadmi se pyar karta hun.." (...I am a man in love with mankind....) was often used to bully one's target. Talk and thinking about homosexuality was, and probably still is, a social taboo. A most scornful thing inviting immediate social ridicule and stigma, to say the least. The years were 80s and early 90s.

On the surface, most critics consider homosexuality from mating angle only. A vast number believes the practitioners to be 'sick'. Many cases have been cited where this exists only because the opposite sex is not available. Wars, one gender residential schools, prisons have been fertile sources for such examples. The more evolved rationale against it draws its underpinnings from religion, biology, et al. World will come to an end if it is socially or legally approved or even ignored, they say. There is reason why God made two different genders and they need each other to add another human to human race, is their clarion call.

Advocates of homosexuality and protagonists of same sex marriage/civil union have made penetrating arguments in favor of their cause. Like Yeats said, "The tragedy of sexual intercourse is the perpetual virginity of the soul". They have also relentlessly fought against any discrimination in any sphere on the basis of this sexual orientation in last few decades; a lot of historical and other evidence has been laid before the multitudes substantiating their cause's merits. Their efforts are increasingly getting success. Though New York becomes the largest state in US to legalize same sex marriage, it definitely is not the first; sixth or seventh, maybe. There are already dozen odd countries where it is legal to marry someone from the same gender.

Will India be next?

Editorial Panel:

- Prachi P
- Sunmeet S
- Venu M

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

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Part 3—TTCN-3:An Example - Two Coffees

Prabhjot S Bal

In the last article we had got familiar with the Configuration and Control aspects of TTCN-3 language use. In this section we are going to include the Communication aspect of the TTCN-3 technology. In the last example our SUT (System Under Test) was implemented as a component in TTCN-3 itself. However this time we move to a somewhat more realistic scenario where the SUT lies outside the TTCN-3 test system.

Our SUT (TwoCoffeesSUT) is a java application that listens on a well named port and performs the functions of a Coffee Machine, i.e. accepts coins and delivers coffee cups. The mode of communication between the Test System and the SUT is based on messages (recall the request and response method) which are exchanged across processes on same or different machines. Please refer to the following figure 1 which depicts a TTCN-3 Test System.

In this figure our TTCN-3 modules get compiled into the “Generated Code” block and work with the help of a “Runtime System” block. Since the above is a TTCN-3 Test System and as you are aware messages travel back and forth from this box to the SUT box located elsewhere. These messages need to be most times encoded and decoded in/from the format the SUT works with, which is a function of the “Codecs” entity block depicted above. Also keep in mind that the communication between the Test System and the SUT is enabled by the “SUT Adapter” layer block as depicted above.

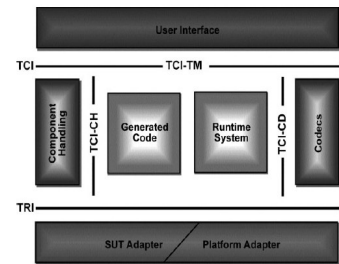


Figure 1

So basically our code from last time is changed in the following manner:

- The Coffee Machine is moved to the SUT (a java application).
- A Codec is implemented for encoding and decoding of messages.
- A SUT Adapter is implemented for the communication path.

Please note our test case from last time does not undergo changes as it hardly cares where the actual SUT is – it just wants to get a measure of functionality in an abstract form.

As depicted in Figure 2, the test case involves communication between the Coffee Drinker component in the TTCN-3 Test System and the Coffee Machine component in the SUT (a java application). Note the SYSTEM component above signifies an interface to the actual SUT component. If you browse carefully through the following TTCN-3 module listed in Figure 3 noting the changes from last time, you would gain important insights into the TTCN-3 technology fundamentals:

I am including a zip file with the TwoCoffees project along with this article hoping the editors would make it available to readers. I would recommend for those interested to acquire the complete projects for this TwoCoffees example and play around (if they have access to TTwb) to get a better understanding of TTCN-3.

Have fun!

To get the complete zip file, send in your interests to “qualitimes@qualitreeinc.com” with the subject: “Two Coffees Please”.

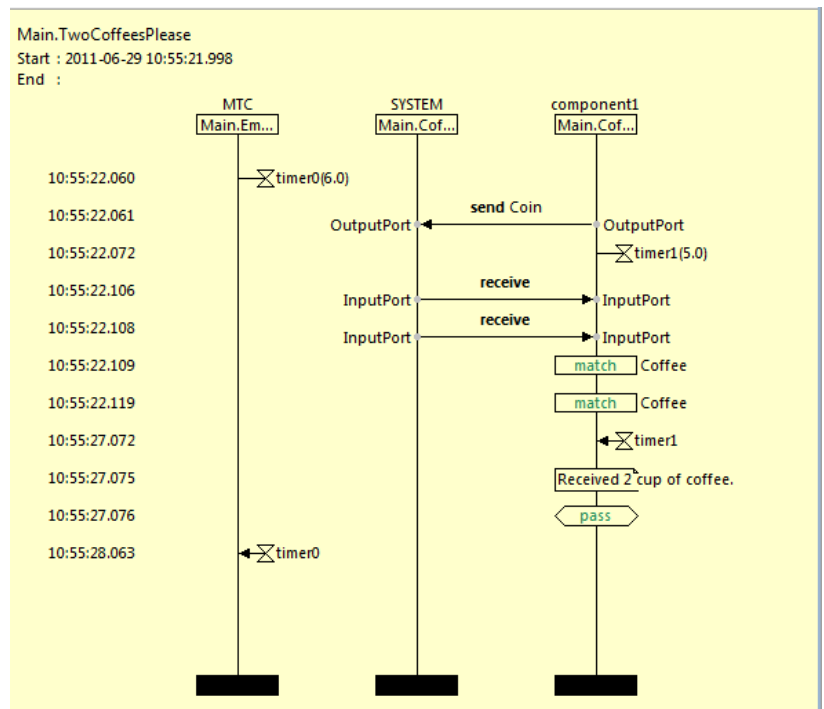


Figure 2

"Professor Saab" is Lovin' it



Mr. "Amit Limaye" or popularly called "Mr. Professor saab" spending and collecting some memorable moments with other Qualifiers in Bangalore before flying out to Canada.

Amit seem to be simply "Lovin" it—*pa-ra-pa-pa!!*

Wishing you all the success and luck !!

Clockwise (L-R) : Gagan Gowda,Amit Limaye,Amit Chhikara,Supriya Uday,Sarabjit kahlon,Pallavi Vishvakarma



Clockwise (L-R) : Amit L, Durgesh U, Parthive Z, Phillipe B and Mohammed A at a lunch event Sherebrooke.

Cool Fun Facts

- An albatross can sleep while it flies.
- One toad can eat 10,000 insects in one summer.
- Logizomechanophobia is the fear of computers.
- Count the number of cricket chirps in 15 seconds, add 37 = air temperature (in Fahrenheit).

Punches, pulls and bumps!!

- July 1 - Naidu V
- July 3 - Sridhar S
- July 4 - Sarabjit K
- July 5 - Rajnish M
- July 10 - Hari K
- July 14 - Ome L
- July 15 - Subhash R
- July 15 - Ramana N
- July 21 - Chakradhar P
- July 24 - Usha B

Answers to last month's Jumble:

FABLESS
PAYWALL
WURFING
FREEMIUM

Last Month's Winner:
Amit C

Other correct entries:

Manoj K, Aviral M, Brian H, Simran S



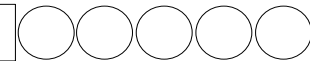
Pritpal S, Atul K, Maya, Subrat P, Sunmeet S, Sachin K, Prashant K after a sales strategy meet between Qualitree and Qualisystems in Bangalore, India.

JUMBLE

PETTEUW



THEAR



SHESLA



LHLXICA



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



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Harsimran B, Ishita S, Parthive Z, Charanjeet M, Sunmeet S and Durgesh U seen together after an event in Toronto, Canada

Last month's winner:
Sreekanth K

Other correct entries:

- * Hari M
- * Uday K
- * Tanvi K
- * Amit C
- * Praneeth A

Answers to last month's
Word Puzzle:

- PARSNIP
- SURPASS
- TRUST
- COMIC
- WINDOW

BUZZ OF THE MONTH

- One of the prestigious clients from the Quebec province in Canada broad basis its relationship with us. After successful completion of multiple offsite testing engagements, the client started with the onsite engagement. This engagement started with Amit Limaye joining as the onsite development chief.
- Further expanding the existing relationships, one of the health care clients from the Ontario province in Canada approaches for its new web portal testing assignments.
- Qualitree's affair with C-DOT continues further by implementing the Qualisystems testing suite. Initially, the engagement is in the form of a PoC.
- Two prospective clients in Montreal, in the province of Quebec, have established and initiated initial communications with Team Canada.
- The ongoing WIN-IT campaigns gain momentum in the North American and Indian regions.

Word Puzzle

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

1	_ ALLOF _	
2	_ ERAMI _	
3	_ HWAR _	
4	_ OGNA _	
5	_ UZZA _	

* Send in your entries to "qualitimes@qualitreeinc.com" with the subject "Word Puzzle"

The first correct entry wins a gift of \$10.00