



[20/09/2015 15:05:10] Weekend Testing Europe: Weekend Testing Europe joined the conversation
[20/09/2015 15:05:39] System: skype:?
chat&blob=w2fJVy23JjgVIJ2505HUvkuNEOwzF82F86Cs7DGBIzKXQjFw9o8kMq8RhwuqL-r-
ilu2F1dsxm8I7EeV
[20/09/2015 15:08:07] Weekend Testing Europe: Weekend Testing Europe set topic to “WTEU-61:
WARMING UP”
[20/09/2015 15:11:19] Christian Legget: Christian Legget joined the conversation
[20/09/2015 15:13:35] Оксана: Оксана joined the conversation
[20/09/2015 15:15:36] Trisha agarwal: Trisha agarwal joined the conversation
[20/09/2015 15:17:05] Оксана: Оксана has left the conversation
[20/09/2015 15:17:17] Aleksandar Simic: Aleksandar Simic joined the conversation
[20/09/2015 15:17:31] Weekend Testing Europe: Weekend Testing Europe added Daniel Billing to this
conversation
[20/09/2015 15:18:11] Weekend Testing Europe: Hello! Welcome to the Weekend Testing Europe (WTEU)
Skype chat. I’m Amy, I’ll be facilitating today’s session.

I’m just getting things set up. We’ll be kicking off at 3:30pm BST (in about 10 minutes) so please make
yourself comfortable.

[20/09/2015 15:18:32] Daniel Billing: laptop, cat close by, and rugby on the telly :)
[20/09/2015 15:20:28] Weekend Testing Europe: Sounds good :)
[20/09/2015 15:24:06] Weekend Testing Europe: Weekend Testing Europe added Ajay Balamurugas to
this conversation
[20/09/2015 15:24:30] Raghu: Raghu joined the conversation
[20/09/2015 15:24:34] Kapil Saxena: Kapil Saxena joined the conversation
[20/09/2015 15:25:19] Ajay Balamurugas: Hello everyone, will be on mobile.
[20/09/2015 15:25:44] Weekend Testing Europe: Hi Ajay, good to have you here :)
[20/09/2015 15:25:48] Sathish: Sathish joined the conversation
[20/09/2015 15:26:07] Daniel Billing: yes, welcome Ajay
[20/09/2015 15:26:13] Daniel Billing: :)
[20/09/2015 15:26:21] Aleksandar Simic: Hi all
[20/09/2015 15:26:27] Daniel Billing: Hi Alex
[20/09/2015 15:27:02] Aleksandar Simic: Hi Dan,
No free time this weekend for you?
[20/09/2015 15:27:29] Weekend Testing Europe: Hi Aleks
[20/09/2015 15:27:37] Kapil Saxena: Hi All, I am Kapil from India
[20/09/2015 15:27:44] Weekend Testing Europe: Hi Kapil :)
[20/09/2015 15:27:48] Daniel Billing: Saturday was very busy
[20/09/2015 15:27:53] Christian Legget: Hi Dan/All
Im in the office doing some OT, so will be listening mainly !
[20/09/2015 15:27:56] Daniel Billing: but Sunday is a sort of lazy day
[20/09/2015 15:28:01] Trisha agarwal: Hi All
[20/09/2015 15:28:17] Sathish: HI all
[20/09/2015 15:28:22] Weekend Testing Europe: Hi Chris, no problem. Good to have you here.
[20/09/2015 15:28:25] Weekend Testing Europe: Hi Trisha
[20/09/2015 15:28:32] Weekend Testing Europe: Hi Sathish
[20/09/2015 15:28:42] Weekend Testing Europe: We'll be kicking things off in just a couple of minutes
[20/09/2015 15:29:23] Kiran Alisam: Kiran Alisam joined the conversation
[20/09/2015 15:29:32] Loren Dunlop: Loren Dunlop joined the conversation

[20/09/2015 15:29:38] Kiran Alisam: Hi Everyone

[20/09/2015 15:29:50] Neil Taylor: Neil Taylor joined the conversation

[20/09/2015 15:29:52] Weekend Testing Europe: Hi Kiran

[20/09/2015 15:30:13] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: INTRODUCTIONS"

[20/09/2015 15:30:22] Weekend Testing Europe: Welcome to Weekend Testing Europe! It's great to see so many of you with us today.

[20/09/2015 15:30:28] Neil Taylor: Hi All.

[20/09/2015 15:30:32] Weekend Testing Europe: Let's start with a quick round of introductions.

[20/09/2015 15:30:40] Weekend Testing Europe: As I mentioned, I'm Amy Phillips and I'll be facilitating today's session. I'm test lead at Songkick, based in London, and spend my time mobile and web testing. You can find me <https://testingthemind.wordpress.com/> or over on Twitter <https://twitter.com/itjustbroke>

[20/09/2015 15:31:10] Trisha agarwal: Hi I am trisha from bangalore India, I tweet at @trisha_1212 and have 2.5 years of experience in testing

[20/09/2015 15:31:22] Neil Taylor: Hi, I'm Neil and I've been testing for around 12 years. Currently Tester/Test Lead at Interica in Uckfield who develop project data archiving and backup software. (@neilt83)

[20/09/2015 15:31:51] Weekend Testing Europe: Where is Uckfield, Neil?

[20/09/2015 15:31:53] Aleksandar Simic: I'm Aleksandar Simic. Software tester. Freiburg, Germany

[20/09/2015 15:32:23] Ajay Balamurugadas: Ajay Balamurugadas, software tester from Bangalore, India. Like to take sessions on exploratory testing and mobile testing. I blog at www.EnjoyTesting.blogspot.com and tweet at @ajay184f. I like to present at conferences too :)

[20/09/2015 15:32:41] Kiran Alisam: I am Kiran and this would be my first session in Weekendtesting. I am based out of PA,USA. Software tester

[20/09/2015 15:32:51] Neil Taylor: Ah yes East Sussex 45 minute drive from Brighton

[20/09/2015 15:32:56] Daniel Billing: My name is Dan Billing. I am a senior test engineer at New Voice Media, in Basingstoke. I mostly do security testing and associated research. I am not facilitating today, but love to join in. I also run SWEWT, which was on yesterday for the first time. You can follow my blog at <http://thetestdoctor.wordpress.com> and I tweet from <https://twitter.com/thetestdoctor>

[20/09/2015 15:33:15] Weekend Testing Europe: @Neil, ah, I've never heard of it!

[20/09/2015 15:33:25] Kapil Saxena: Hi All, I am Kapil with around 12 years of experience in testing. I am product manager of AppiTest (www.appitest.com), lives in Noida, India. Tweets @kapilsaxena

[20/09/2015 15:33:26] Weekend Testing Europe: Welcome, Kiran! Congrats on making your first session

[20/09/2015 15:33:35] Sathish: Hi .I am Anitha, I am Currently in Chicago.I am trying very hard to become a software tester.

[20/09/2015 15:33:43] Kiran Alisam: Thanks @Amy

[20/09/2015 15:34:07] Weekend Testing Europe: Sathish. welcome. Weekend Testing is a great place to meet software testers :)

[20/09/2015 15:34:23] Trisha agarwal: (y)

[20/09/2015 15:34:28] Raghu: Hello everyone, I am Raghu a software tester from India currently on deputation at Edinburgh, Scotland.

I work primarily with Insurance clients in heavily script oriented test environments eventhough my primary interests are ET and learning about testing.

[20/09/2015 15:34:44] Weekend Testing Europe: So now that we all know each other let's get started!

[20/09/2015 15:34:54] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: DISCUSSION TIME"

[20/09/2015 15:35:09] Weekend Testing Europe: Today we're going to be exploring test data.

[20/09/2015 15:35:32] Loren Dunlop: Yo! Loren Dunlop, recently joined Firemelon in Belfast as their first ever tester. 12+ years QA experience, trying hard to break out of the mould and expand my skills in all things testing. This is my first ever webinar in anything!

[20/09/2015 15:35:58] Weekend Testing Europe: I think of test data as the inputs for your tests. So no matter whether you're an exploratory tester or scripted tester you'll need to think about the data you use for your tests.

[20/09/2015 15:36:04] Weekend Testing Europe: Hey Loren :)

[20/09/2015 15:36:14] Weekend Testing Europe: The data you use in your tests has the power to reveal a bug or not.

[20/09/2015 15:36:27] Weekend Testing Europe: That's why it is so important that you choose the right data for the job.

[20/09/2015 15:36:36] Weekend Testing Europe: So what makes good test data?
[20/09/2015 15:36:53] Kiran Alisam: verifiable
[20/09/2015 15:37:02] Trisha agarwal: gives a good coverage to my testing
[20/09/2015 15:37:37] Daniel Billing: It offers the ability to test for a variety of scenarios, different data types, data sizes and ranges, different qualities of data
[20/09/2015 15:37:45] Ajay Balamurugadas: Appropriate, Affordable, Verifiable,
[20/09/2015 15:37:58] Ajay Balamurugadas: Ability to discover a bug
[20/09/2015 15:38:01] Weekend Testing Europe: Excellent! Lots of great stuff. Keep it coming
[20/09/2015 15:38:07] Aleksandar Simic: Do we talk about input test data only?
[20/09/2015 15:38:24] Weekend Testing Europe: No, feel free to consider all test data
[20/09/2015 15:38:29] Trisha agarwal: This message has been removed.
[20/09/2015 15:38:41] Daniel Billing: no, I feel data can be at rest and in transit during testing and we should consider both
[20/09/2015 15:40:05] Kiran Alisam: Purpose is most important which you want to achieve with the data as there can be numerous combinations which exist
[20/09/2015 15:40:17] Kapil Saxena: Test Data must be easy to generate; relevant, unique, understandable, meaningful and relevant to the context of testing
[20/09/2015 15:40:51] Neil Taylor: I think good test data should be realistic to real users.
[20/09/2015 15:41:23] Weekend Testing Europe: Yes, users are important to consider.
[20/09/2015 15:41:29] Daniel Billing: that's true Neil, but sometimes odd data, or unusual data can produce unexpected results, and may reveal vulnerabilities
[20/09/2015 15:41:38] Kiran Alisam: some tools to find will be allpairs when you have many combinations to test
[20/09/2015 15:41:45] Weekend Testing Europe: Yes, so does the type of testing influence your data?
[20/09/2015 15:41:55] Daniel Billing: very much so
[20/09/2015 15:41:58] Srinivas Kadiyala: Srinivas Kadiyala joined the conversation
[20/09/2015 15:42:06] Daniel Billing: Hey Srini
[20/09/2015 15:42:06] Aleksandar Simic: We generate test data, but it's helpful to get them from customers too
[20/09/2015 15:42:12] Weekend Testing Europe: Hi Srini :)
[20/09/2015 15:42:16] Srinivas Kadiyala: Hi Thanks,
Sorry for late
[20/09/2015 15:42:19] Weekend Testing Europe: We're just discussing what test data is
[20/09/2015 15:42:25] Kapil Saxena: Neil, many times the data don't come from users. It may be output from other process inside the same system
[20/09/2015 15:42:29] Neil Taylor: yes I agree Dan odd or unusual data is also important and you probably need both.
[20/09/2015 15:42:43] Kapil Saxena: so it's sometimes hard to relate it to end users
[20/09/2015 15:42:57] Daniel Billing: I often have to preconfigure a data set so that I can try to deliberately attack it
[20/09/2015 15:43:28] Weekend Testing Europe: ok, so preconfiguration is interesting. Do you all plan your tests data before testing?
[20/09/2015 15:43:33] Weekend Testing Europe: Or make it up as you go?
[20/09/2015 15:43:46] Srinivas Kadiyala: When I joined the present company, there were no test data for testing and its like - every data is accepted - even invalid values too
[20/09/2015 15:43:50] Daniel Billing: not all...I often make it up too :)
[20/09/2015 15:44:28] Kiran Alisam: Planning of test data is better in terms of what the system can accept ..from end user perspectiv
[20/09/2015 15:44:36] Raghu: I use a combination of both - prep some in advance and then make as you go
[20/09/2015 15:45:28] Kiran Alisam: what are the different tools or methods everyone use ..is it going by requirements?
[20/09/2015 15:45:31] Aleksandar Simic: Like our tests, experiments, the data are evolving/changing
[20/09/2015 15:45:52] Daniel Billing: I find what many term traditional or scripted tests overly prescribe data that is required for testing...this doesn't need to be written into the test...
[20/09/2015 15:46:10] Daniel Billing: you can use scripts or backups to set up data
[20/09/2015 15:46:30] Kapil Saxena: Yes Dan, data can come from anywhere :)
[20/09/2015 15:46:33] Weekend Testing Europe: Dan. yes a great way to get large sets of data ready quickly

[20/09/2015 15:46:49] Daniel Billing: I also have to work with audio files...of different types

[20/09/2015 15:46:56] Srinivas Kadiyala: Tried with researching the data and client's data -> prepared a test data sheet and co-ordinated with developer to implement the cases.

[20/09/2015 15:47:16] Weekend Testing Europe: Srini, nice. That's a good way to get data

[20/09/2015 15:47:25] Daniel Billing: so I have a library of preconfigured audio files to upload when I need them

[20/09/2015 15:47:38] Neil Taylor: As the software we test moves data we do tend to have a mixture of typical types of data sets that are preconfigured (certain types/sizes of data for example), but as we do quite a bit of exploratory testing there is always scope for creativity and experimentation.

[20/09/2015 15:48:02] Weekend Testing Europe: Neil, do you find you have to reset data during your tests?

[20/09/2015 15:48:04] Kiran Alisam: I prepare test data sheets per Release /iteration and we build on top of them to make it a exhaustive list

[20/09/2015 15:48:21] Daniel Billing: Kiran, does that get quite large?

[20/09/2015 15:48:41] Kiran Alisam: Yes it does

[20/09/2015 15:48:48] Daniel Billing: how do you store/manage it?

[20/09/2015 15:49:23] Kiran Alisam: In the current client we are using only excel sheets

[20/09/2015 15:49:27] Kapil Saxena: Most importantly, poor test data kills testing. Consider following: "a test fails for a particular data set; you file a bug and dev fixes it. Now you rerun the test and it passes. Does it means the functionality will work for all similar data sets?". May be or may be not. So we may need to try to update our test data for same test.

[20/09/2015 15:50:18] Weekend Testing Europe: Kapil, I would try to narrow down the exact cause of failure. Was it the size of the data set or a particular piece of data?

[20/09/2015 15:50:45] Weekend Testing Europe: If you know this you can have more confidence with the fix

[20/09/2015 15:51:14] Daniel Billing: Or re-running the same test with different data sets, to look at variations in behaviour and functionality?

[20/09/2015 15:51:31] Weekend Testing Europe: ok so how do you go about designing your test data? Let's get a list of steps

[20/09/2015 15:51:41] Kapil Saxena: Well, let's take an example. Consider there's an input field that is supposed to allow alphanumeric characters. What will be your data sets?

[20/09/2015 15:51:52] Loren Dunlop: Kapil does raise an interesting point though: say for regression testing, should you always be using the same data sets? or continually mix it up? Is there not an inherent danger in having and maintaing the same large data sets for testing?

[20/09/2015 15:52:17] Weekend Testing Europe: I think there are pros and cons, Loren.

[20/09/2015 15:52:28] Kapil Saxena: one test can have many data sets

[20/09/2015 15:52:49] Daniel Billing: test data design depends largely on the context (like everything in general) of what I want to achieve

[20/09/2015 15:52:53] Weekend Testing Europe: Using the same data will show when something specific to that data breaks. So can be helpful for regression testing.

[20/09/2015 15:53:02] Weekend Testing Europe: But different data might show up new bugs

[20/09/2015 15:53:13] Daniel Billing: I was testing a bug recently that would only manifest itself with a particularly large data set of user accounts

[20/09/2015 15:53:36] Kapil Saxena: But the requirement was to allow alphanumeric characters in an input field

[20/09/2015 15:53:56] Neil Taylor: We tend to have standard datasets we use to test different types of data the application may encounter which we retain in one location and copy if required.

[20/09/2015 15:54:05] Aleksandar Simic: design of test data will be influenced with type of testing performed, the level of implementation, the level of knowledge about product ...

[20/09/2015 15:54:19] Weekend Testing Europe: Neil, how do the data sets differ?

[20/09/2015 15:54:32] Selvanathan Kapilan: Selvanathan Kapilan joined the conversation

[20/09/2015 15:54:45] Weekend Testing Europe: Aleks, yes, I like that idea

[20/09/2015 15:54:58] Daniel Billing: one of the devs created a script to generate the data for us, whilst I focussed on the charters and the ET I was going to do

[20/09/2015 15:55:22] Daniel Billing: and another script to back out the data when completed

[20/09/2015 15:55:37] Kiran Alisam: 1.Make a mind map of the functionality at test 2. Explore test sets of data for different fields(assuming application is user faced) 3.Start testing and add more data

[20/09/2015 15:55:58] Kapil Saxena: Dan, did the script to generate data always generated same set?

[20/09/2015 15:56:01] Trisha agarwal: Interesting ! how different the data would be for voice /speech ?

[20/09/2015 15:56:38] Daniel Billing: I could vary the size of the output, and therefore the range of the data increased based on that value

[20/09/2015 15:56:42] Neil Taylor: The data may differ by properties of the data such as specific permissions, different sizes (lots of small data v very large files, total size of the data, types of files.

[20/09/2015 15:57:10] Kapil Saxena: @Dan, let's say if you keep the range same, then would you get the same data again and again

[20/09/2015 15:57:36] Daniel Billing: yes...on this occasion

[20/09/2015 15:57:45] Weekend Testing Europe: Ok, so there seems to be a lot of system knowledge required to design good data

[20/09/2015 15:57:46] Daniel Billing: it generated a set of user accounts

[20/09/2015 15:57:53] Kapil Saxena: then don't you think it's a concern

[20/09/2015 15:58:14] Daniel Billing: On this occasion, data variety wasn't a concern, data size was the concern

[20/09/2015 15:58:28] Kapil Saxena: In that case, it is fine.

[20/09/2015 15:58:37] Weekend Testing Europe: Were you investigating a bug, Dan?

[20/09/2015 15:58:47] Weekend Testing Europe: Just wondering what led to the design of this test?

[20/09/2015 15:59:04] Daniel Billing: I was retesting a bug fix, someone else found the bug

[20/09/2015 15:59:21] Daniel Billing: the WIP limit was getting a little strained, so I picked it up

[20/09/2015 15:59:33] Weekend Testing Europe: ok. So understanding the cause of the bug led to good data design

[20/09/2015 15:59:37] Daniel Billing: yeah

[20/09/2015 15:59:45] Weekend Testing Europe: Anyone else have an example of a bug that led to data design?

[20/09/2015 16:00:02] Kapil Saxena: I'd say that requirements primarily guide the design of test data

[20/09/2015 16:00:50] Daniel Billing: many, Amy, but some of it I can't talk about in specifics, only general terms

[20/09/2015 16:01:02] Trisha agarwal: yes ! data which should not be reveal to any customer but can use for testing

[20/09/2015 16:01:02] Kiran Alisam: Yes in my case the edge case scenarios found while testing lead to a change in requirement

[20/09/2015 16:01:09] Weekend Testing Europe: Of course. Don't feel you have to overshare :)

[20/09/2015 16:01:19] Kapil Saxena: :)

[20/09/2015 16:01:21] Weekend Testing Europe: Kiran, nice work :)

[20/09/2015 16:01:56] Raghu: I had an interesting case where keyboards decided test data and led to a bug that was not found

[20/09/2015 16:02:13] Raghu: We dont have the pound symbol in certain keyboards

[20/09/2015 16:02:19] Weekend Testing Europe: Ah, good one!

[20/09/2015 16:02:26] Raghu: while its critical in testing UK based clients

[20/09/2015 16:02:39] Trisha agarwal: (y)

[20/09/2015 16:03:03] Srinivas Kadiyala: I have a problem: where the test data's are project specific and none note the reasons for change from other projects.

[20/09/2015 16:03:12] Daniel Billing: it's more I don't want the SAS jumping through the window

[20/09/2015 16:03:15] Daniel Billing: :)

[20/09/2015 16:03:20] Kapil Saxena: @Raghu: you must use scripts to generate test data

[20/09/2015 16:03:52] Weekend Testing Europe: Srini, have you tried convincing people of the need for good data?

[20/09/2015 16:03:54] Raghu: yes Kapil - i started using James Bach's ASCII string generator after that

[20/09/2015 16:04:16] Daniel Billing: oh yes, what's the name of that

[20/09/2015 16:04:28] Srinivas Kadiyala: Yes, as everyone says - we don't have time for documentation.

[20/09/2015 16:04:40] Weekend Testing Europe: ahh :) The best reason

[20/09/2015 16:04:53] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: TESTING TIME"

[20/09/2015 16:04:56] Daniel Billing: Perlclip <http://www.satisfice.com/tools.shtml>

[20/09/2015 16:05:02] Raghu: thanks

[20/09/2015 16:05:06] Weekend Testing Europe: Ok, so we've spent some time talking about what good test data is. Now we're going to try creating some of our own.

[20/09/2015 16:05:14] Srinivas Kadiyala: again question leads - do testers needs to do documentation :)

[20/09/2015 16:05:43] Weekend Testing Europe: I have three different applications. I'd like you to think about the type of test data you would use when testing these applications.

Application 1 - <https://www.mindmup.com/>

Application 2 - <http://www.gamefools.com/onlinegames/free/zorktrilogy.html>

Application 3 - <http://hackyourselffirst.troyhunt.com/>

[20/09/2015 16:05:43] Trisha agarwal: i feel yes ! Indeed they should

[20/09/2015 16:06:07] Daniel Billing: :)

[20/09/2015 16:06:07] Weekend Testing Europe: Feel free to generate and share the test data in your favourite form.

[20/09/2015 16:06:21] Weekend Testing Europe: @Dan might recognise one or two of those sites :)

[20/09/2015 16:06:55] Weekend Testing Europe: The idea is to explore some different applications, some which don't have obvious input methods, and think about how that affects your test data.

[20/09/2015 16:07:32] Weekend Testing Europe: We'll spend about 45 minutes on this.

[20/09/2015 16:07:42] Weekend Testing Europe: Feel free to pair up if you want to.

[20/09/2015 16:12:59] Daniel Billing: I've got an image I want to share...

[20/09/2015 16:13:05] Daniel Billing: I'll save it till later

[20/09/2015 16:13:06] Weekend Testing Europe: Go for it

[20/09/2015 16:13:11] Weekend Testing Europe: ok :)

[20/09/2015 16:13:12] Daniel Billing: or now?

[20/09/2015 16:13:30] Weekend Testing Europe: Now's good. Might give people some ideas

[20/09/2015 16:15:19] Daniel Billing: Image

[20/09/2015 16:15:24] Daniel Billing: here you go..

[20/09/2015 16:15:33] Daniel Billing: I used Skitch to annotate this screenshot

[20/09/2015 16:16:00] Daniel Billing: just highlighted a couple of the data issues I spotted, and what I thought it might need in terms of test data

[20/09/2015 16:16:03] Daniel Billing: and data types

[20/09/2015 16:16:21] Weekend Testing Europe: Nice. Thanks, Dan

[20/09/2015 16:17:51] Kapil Saxena: @Amy: who am I testing as?

[20/09/2015 16:18:07] Weekend Testing Europe: Ah, good question!

[20/09/2015 16:18:13] Weekend Testing Europe: Which application are you looking at?

[20/09/2015 16:18:20] Kapil Saxena: 3rd one

[20/09/2015 16:19:15] Weekend Testing Europe: ok. So how about as a software tester who wants to prove to their boss that test data is super important :)

[20/09/2015 16:19:53] Kapil Saxena: Okay

[20/09/2015 16:21:05] Daniel Billing: With the text based adventure games, it has a specific set of allowed commands and actions

[20/09/2015 16:21:21] Daniel Billing: you can only usually interact with the things directly around you

[20/09/2015 16:21:28] Daniel Billing: and in specific ways

[20/09/2015 16:21:42] Weekend Testing Europe: Good observation, Dan. How do you know the commands?

[20/09/2015 16:21:45] Daniel Billing: so you also need certain objects to be able to do certain things

[20/09/2015 16:22:03] Daniel Billing: well, I can infer from context, I used to play a lot of these sorts of games as a child

[20/09/2015 16:22:17] Daniel Billing: The Hobbit, Hitchikers Guide to the Galaxy

[20/09/2015 16:22:28] Daniel Billing: so, direction commands

[20/09/2015 16:22:42] Daniel Billing: actions such as walk, run, turn, north south east west

[20/09/2015 16:22:48] Daniel Billing: pick up, take

[20/09/2015 16:22:50] Daniel Billing: open

[20/09/2015 16:22:53] Daniel Billing: use

[20/09/2015 16:23:08] Aleksandar Simic: quick info about commands (one source only) -> <https://en.wikipedia.org/wiki/Zork#Commands>

[20/09/2015 16:23:22] Weekend Testing Europe: Nice!

[20/09/2015 16:23:23] Daniel Billing: good source of test data Alex

[20/09/2015 16:23:27] Daniel Billing: :)

[20/09/2015 16:27:10] Daniel Billing: This might also a good oracle for testing and test data

[20/09/2015 16:27:11] Daniel Billing: <http://ifarchive.giga.or.at/if-archive/infocom/demos/ztuu.pdf>

[20/09/2015 16:27:20] Daniel Billing: for Zork

[20/09/2015 16:31:06] Daniel Billing: Image

[20/09/2015 16:31:21] Trisha agarwal: what is zork ?

[20/09/2015 16:31:24] Daniel Billing: this is why I feel that deriving test data solely from requirements is problematic

[20/09/2015 16:31:34] Daniel Billing: It is a text based adventure game from the 1980s

[20/09/2015 16:31:42] Trisha agarwal: i read in wiki its game

[20/09/2015 16:31:54] Daniel Billing: because you do not necessarily know what data you will need until you explore

[20/09/2015 16:32:11] Trisha agarwal: okay ,

[20/09/2015 16:32:16] Daniel Billing: your ability to explore and learn will determine your progress in the game

[20/09/2015 16:32:24] Weekend Testing Europe: Yes, exactly. I personally find this one of the challenges of testing

[20/09/2015 16:32:54] Weekend Testing Europe: You are often pushed to design tests or data in advance. Then when you start testing everything shifts and you find you need different things

[20/09/2015 16:32:57] Daniel Billing: great example of that challenge Amy, thanks

[20/09/2015 16:33:03] Daniel Billing: yeah

[20/09/2015 16:33:10] Weekend Testing Europe: Hah, I couldn't resist Zork!

[20/09/2015 16:33:31] Daniel Billing: made me feel old...you know I reach a significant birthday next year ;)

[20/09/2015 16:33:48] Trisha agarwal: :)

[20/09/2015 16:33:50] Neil Taylor: That's what I was compelled to do with Zork to find out what responses I got to different uses of nouns and started noticing inconsistencies in the responses. Although I think I may be testing it by playing the game!

[20/09/2015 16:34:10] Neil Taylor: Didn't think of looking up the wiki straight off

[20/09/2015 16:34:11] Daniel Billing: you are always testing when playing

[20/09/2015 16:34:14] Weekend Testing Europe: Neil, haha. I have no idea how game testers manage

[20/09/2015 16:34:18] Daniel Billing: can I share a blog post of mine Amy?

[20/09/2015 16:34:23] Weekend Testing Europe: please do

[20/09/2015 16:34:34] Trisha agarwal: true !

[20/09/2015 16:35:07] Daniel Billing: <https://thetestdoctor.wordpress.com/2013/11/19/gaming-playing-to-be-a-better-tester/>

[20/09/2015 16:35:27] Daniel Billing: I blogged about my learning/playing Grand Theft Auto 5

[20/09/2015 16:35:35] Daniel Billing: I'm a big gamer, or at least used to be

[20/09/2015 16:35:41] Weekend Testing Europe: Brilliant! Thanks for sharing it

[20/09/2015 16:35:49] Daniel Billing: I mapped out the kinds of data I might need to play the game in the mind map

[20/09/2015 16:36:06] Daniel Billing: it is attached to the blog

[20/09/2015 16:36:45] Daniel Billing: <https://thetestdoctor.files.wordpress.com/2013/11/gta5-21.pdf>

[20/09/2015 16:37:02] Daniel Billing: I scratched the surface...the combinations of testing and test data are endless I think

[20/09/2015 16:37:30] Daniel Billing: that's why Game testing have such large teams

[20/09/2015 16:37:55] Daniel Billing: but they are generally considered to be very unskilled testers by the folks outside that world

[20/09/2015 16:38:00] Daniel Billing: I think the other way

[20/09/2015 16:38:20] Daniel Billing: they are highly skilled, it's just that the products aren't your usual business products

[20/09/2015 16:38:33] Aleksandar Simic: @dan isn't that true for any (kind of) software (combinations are endless)?

[20/09/2015 16:39:06] Daniel Billing: yes, true...but the game was just an example of an environment that contains a huge potential data set

[20/09/2015 16:41:32] Weekend Testing Europe: ok, how are you all getting on? Ready to re-group or would you like 10 more minutes?

[20/09/2015 16:42:39] Daniel Billing: want a quick shifty at Hack yourself first, but I know that one really well

[20/09/2015 16:42:53] Weekend Testing Europe: Go for it :)

[20/09/2015 16:44:54] Daniel Billing: Kiwi's are doing the Hakka, hold on

[20/09/2015 16:44:55] Daniel Billing: :)

[20/09/2015 16:50:30] Weekend Testing Europe: ok, let's re-group! Close those Zork games!

[20/09/2015 16:50:40] Daniel Billing: closed :)

[20/09/2015 16:50:44] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: DEBRIEF TIME"

[20/09/2015 16:51:12] Weekend Testing Europe: OK, so who thinks their test data would expose a bug?

[20/09/2015 16:53:16] Srinivas Kadiyala: There are lots of bugs in Troy hunts

[20/09/2015 16:53:33] Srinivas Kadiyala: as its developed to expose the bugs

[20/09/2015 16:53:35] Weekend Testing Europe: Do you want to give an example Srini?

[20/09/2015 16:54:02] Kapil Saxena: me & srinivas paired and found many bugs...

[20/09/2015 16:54:18] Weekend Testing Europe: Great! Do you want to give us an example?

[20/09/2015 16:54:26] Trisha agarwal: This message has been removed.

[20/09/2015 16:54:56] Srinivas Kadiyala: http://hackyourselffirst.troyhunt.com/Search?searchTerm=%26%26%25%5E%25%40%21%25%24%25%25%25%25%24%25%21%40%21%40%40%21%40%21%40%21%40%21%40~%40%40~%40~%24%40%5E~.....%40%21~%23%24%24%23%25%24%5E%5E%25%5E%5E%40%24%23%25%5E%25%26%5E%25**

[20/09/2015 16:55:07] Srinivas Kadiyala: This trims the values entered

[20/09/2015 16:55:15] Srinivas Kadiyala: in the results page

[20/09/2015 16:55:43] Weekend Testing Europe: ok. So what led you to use that data input? What was the test?

[20/09/2015 16:55:56] Srinivas Kadiyala: I entered some special characters

[20/09/2015 16:56:09] Srinivas Kadiyala: would like to see, how it represents when search is done

[20/09/2015 16:56:24] Srinivas Kadiyala: Special characters and accented characters

[20/09/2015 16:56:31] Kapil Saxena: so we can consider this test for max size of data on search

[20/09/2015 16:56:47] Kapil Saxena: data must be wrapped and then presented

[20/09/2015 16:57:00] Weekend Testing Europe: Ok, so was it the special characters or the length of the input that caused the bug?

[20/09/2015 16:57:26] Kapil Saxena: length

[20/09/2015 16:57:55] Kapil Saxena: in the above case, try putting "aaaaa" before the string in search box

[20/09/2015 16:57:59] Kapil Saxena: and then see

[20/09/2015 16:58:03] Weekend Testing Europe: Great. Anyone else find anything interesting

[20/09/2015 16:58:33] Kapil Saxena: you can't register with numeric first name or last name

[20/09/2015 16:58:44] Kapil Saxena: means only alphabets are allowed

[20/09/2015 16:58:52] Kapil Saxena: but go and edit

[20/09/2015 16:59:00] Kapil Saxena: edit allows numeric fields

[20/09/2015 16:59:10] Daniel Billing: thus spotting an inconsistency in the data validation

[20/09/2015 16:59:17] Weekend Testing Europe: Kapil, interesting. Do you have a data set that you used to test the registration?

[20/09/2015 16:59:23] Оксана: Оксана joined the conversation

[20/09/2015 16:59:27] Daniel Billing: on of the rules of testing for security is NOT to trust any user entered data

[20/09/2015 17:00:11] Kapil Saxena: the data set: only alphabets; alphanumeric; special characters; ASCII codes, etc

[20/09/2015 17:00:11] Weekend Testing Europe: Did anyone automatically generate any test data today?

[20/09/2015 17:00:36] Kapil Saxena: yes

[20/09/2015 17:00:46] Kapil Saxena: I used <http://www.generatedata.com/>

[20/09/2015 17:01:08] Weekend Testing Europe: Cool. Was that for testing Hackyourselffirst?

[20/09/2015 17:01:22] Kapil Saxena: yes

[20/09/2015 17:01:25] Weekend Testing Europe: Great

[20/09/2015 17:01:29] Kapil Saxena: :)

[20/09/2015 17:01:32] Weekend Testing Europe: I'll add that to the session write up

[20/09/2015 17:01:44] Weekend Testing Europe: How did people get on with the other two applications?

[20/09/2015 17:01:54] Weekend Testing Europe: They were a little harder to generate inputs for

[20/09/2015 17:02:01] Daniel Billing: that's a great looking tool, I'll check it out

[20/09/2015 17:02:09] Neil Taylor: I found interesting inconsistencies by exploring variations on entry strings. So for example I used the action open and tried applying to different things. So I could do open door, open mailbox, but when I found a leaflet in the mailbox I tried open leaflet and it told me it couldn't

open a leaflet.

[20/09/2015 17:02:40] Weekend Testing Europe: Neil, nice.

[20/09/2015 17:03:17] Daniel Billing: you probably need another tool to open the leaflet, probably a knife...

[20/09/2015 17:03:24] Srinivas Kadiyala: I used this:

[20/09/2015 17:03:29] Daniel Billing: i got into the back of the house but didn't explore further at that point

[20/09/2015 17:03:30] Srinivas Kadiyala: <https://chrome.google.com/webstore/detail/form-filler/bnjngeaknjbdcgpfkgnonkmifihfo/related?hl=en>

[20/09/2015 17:03:40] Loren Dunlop: you can: read leaflet

[20/09/2015 17:04:02] Neil Taylor: But what is interesting about this is the question of whether that is intentional as part of the game. I am testing without background knowledge of how the game is structured. If I had a map of the locations then I may test differently

[20/09/2015 17:04:13] Weekend Testing Europe: Srini, cool. Did you find the data useful?

[20/09/2015 17:04:24] Srinivas Kadiyala: I found an issue in Troy:

The password cannot contain special characters.

In registration page, but accepts in change password page

[20/09/2015 17:04:30] Weekend Testing Europe: Neil, good observation. Data is pretty hard to design without system knowledge

[20/09/2015 17:05:11] Loren Dunlop: exactly @Neil. and thats how a user would intereact, with prior knowledge of what to do, where to go. but then again you can't test fully without that knowledge either.

[20/09/2015 17:05:20] Loren Dunlop: *without prior

[20/09/2015 17:05:25] Kapil Saxena: @Amy: When we say system knowledge, we mean design/code or just functionality?

[20/09/2015 17:05:46] Weekend Testing Europe: Well, for really great data you probably want both

[20/09/2015 17:05:52] Weekend Testing Europe: At least functionality though

[20/09/2015 17:06:00] Srinivas Kadiyala: Who decides on the code / system design - developer?

[20/09/2015 17:06:22] Kapil Saxena: Team

[20/09/2015 17:06:26] Kapil Saxena: :)

[20/09/2015 17:06:56] Kapil Saxena: even a tester is a developer (of test)

[20/09/2015 17:07:12] Weekend Testing Europe: Seeing the code/design can help you spot potential bugs. For example different databases have different ways of storing and returning data. That might affect your test data design

[20/09/2015 17:07:27] Weekend Testing Europe: Srini, The developer(s) on my team would decide on technical design

[20/09/2015 17:07:49] Weekend Testing Europe: Did anyone look at Mindmup?

[20/09/2015 17:08:18] Neil Taylor: But then I would argue in some cases testing something without that knowledge may mean you test differently and there is a potential you may find more interesting problems with that software. There is a danger of over familiarity causing you to use an application in a certain way or follow a particular path.

[20/09/2015 17:08:36] Kapil Saxena: agree @Neil

[20/09/2015 17:08:50] Daniel Billing: yes...that was a challenge

[20/09/2015 17:09:11] Weekend Testing Europe: Very good point, Neil.

[20/09/2015 17:09:21] Srinivas Kadiyala: do products should have validations?

[20/09/2015 17:09:32] Weekend Testing Europe: I think it depends on the requirements

[20/09/2015 17:09:35] Kapil Saxena: many test data generators are listed at <http://c2.com/cgi/wiki?TestDataGenerator>

[20/09/2015 17:09:45] Weekend Testing Europe: Thanks, Kapil! Very useful

[20/09/2015 17:10:17] Trisha agarwal: what all test data a tester must have always ?(example attending bug bash or any events ?

[20/09/2015 17:11:01] Daniel Billing: Trisha, that's really going to vary from place to place

[20/09/2015 17:11:09] Daniel Billing: everyone's needs are different

[20/09/2015 17:11:22] Trisha agarwal: true !

[20/09/2015 17:11:23] Daniel Billing: but I suppose if you have users, and user trust levels

[20/09/2015 17:11:33] Daniel Billing: then different user types and permissions are a must

[20/09/2015 17:11:50] Daniel Billing: user, supervisor, manager, admin, superadmin for example

[20/09/2015 17:11:53] Trisha agarwal: okay

[20/09/2015 17:13:06] Weekend Testing Europe: So based on what you have seen with creating test data today what would you say about generating data for future testing/regression?

[20/09/2015 17:13:14] Weekend Testing Europe: Are their guidelines to follow?

[20/09/2015 17:13:26] Trisha agarwal: no

[20/09/2015 17:13:37] Aleksandar Simic: test data can be designed for the purpose of learning about system. they can also be designed to set the system into a state that will allowed us to performed specific test ...

[20/09/2015 17:13:58] Trisha agarwal: yes , we have to understand thee application

[20/09/2015 17:14:24] Aleksandar Simic: they can be designed for specific testing activity - prepare the load to explore system reliability

[20/09/2015 17:14:51] Daniel Billing: also, test data can be manipulated on the fly to create different circumstances

[20/09/2015 17:14:58] Kapil Saxena: I have an important observation about test data that I mentioned earlier; it has the power to kill your testing (sometimes). Means a test with same data over a period of time is of no/less value; hence we must update the test for data. But then it incurs cost. so what's the solution? Well, for all those who use scripted testing in some prog language, I figured out a way. try to generate random data (within permissible limits) inside your scripts. This means every time a test case is run it will generate unique data and your tests will have an edge.

[20/09/2015 17:15:27] Kapil Saxena: I use it and found it revealing more defects than using same data

[20/09/2015 17:15:36] Weekend Testing Europe: but you must have some way of knowing what data you used

[20/09/2015 17:15:50] Kapil Saxena: yes, you can very well store it

[20/09/2015 17:15:55] Kapil Saxena: in logs, etc

[20/09/2015 17:17:42] Loren Dunlop: i guess when creating test data you first have to be clear of what your focus/agenda is for the test session. that will impact what kind of data you create, how you create it, storage etc.

[20/09/2015 17:17:59] Weekend Testing Europe: Exactly.

[20/09/2015 17:18:03] Kapil Saxena: yes, and that's how you script it

[20/09/2015 17:18:17] Neil Taylor: It definitely highlights the importance of variation. You possibly do need to have standard test data you use as part of regression testing, but if you only constrain yourself to that you may be missing other problems.

[20/09/2015 17:18:40] Weekend Testing Europe: Yes, being able to adapt, or extend your test data is very important

[20/09/2015 17:19:16] Kapil Saxena: @Neil: What do you mean by standard test data?

[20/09/2015 17:19:30] Kapil Saxena: Did you get it as part of requirements?

[20/09/2015 17:19:47] Srinivas Kadiyala: is there any books to read / references to learn more on it?

[20/09/2015 17:21:18] Trisha agarwal: (y)

[20/09/2015 17:21:27] Weekend Testing Europe: I recently had an interesting one. We upgraded our version of Php and missed an encoding issue because we didn't have the right data in the test environment. Really highlighted how we need a wide, and varied data set.

[20/09/2015 17:22:38] Kapil Saxena: Good Example @Amy

[20/09/2015 17:23:09] Kapil Saxena: It means that test data is dependent on underlying environment as well (not in all cases)

[20/09/2015 17:23:18] Weekend Testing Europe: Yes, that's true

[20/09/2015 17:23:39] Weekend Testing Europe: So we've gone far and wide today

[20/09/2015 17:23:49] Weekend Testing Europe: Test data depends on your test requirements

[20/09/2015 17:24:20] Weekend Testing Europe: We know that scripts help us generate test data quickly and repeatedly but we need to be careful when re-running the same data every time

[20/09/2015 17:24:33] Kapil Saxena: The more variety you get, the more deeper you go & expand requirements

[20/09/2015 17:24:44] Weekend Testing Europe: Sometimes you'll need to know about the system or at least the system design before you can design a good data set

[20/09/2015 17:24:58] Weekend Testing Europe: and data will always need to be changed or expanded as we learn more

[20/09/2015 17:25:29] Weekend Testing Europe: We've had a few tools shared during this session. I'll add them to the session write up.

[20/09/2015 17:25:42] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: SUMMARY/CLOSING"

[20/09/2015 17:25:45] Srinivas Kadiyala: I got one issue recently, first name and last name are entered same - so registration got failed.

[20/09/2015 17:26:19] Weekend Testing Europe: Interesting. I suppose that really does highlight the need to know about test/system requirements

[20/09/2015 17:26:23] Weekend Testing Europe: Was it a bug?

[20/09/2015 17:26:29] Srinivas Kadiyala: yes

[20/09/2015 17:26:38] Srinivas Kadiyala: database issue

[20/09/2015 17:26:55] Weekend Testing Europe: Nice find. I'll add that to my list :)

[20/09/2015 17:27:03] Weekend Testing Europe: OK, we're almost at the end of our time today.

[20/09/2015 17:27:13] Weekend Testing Europe: We'll get the session write-up and additional reading out to you as soon as we can. In the meantime please feel free to email us with ideas of sessions you would like to see in the future.

[20/09/2015 17:27:16] Daniel Billing: I find that tools like fuzzers help me with those kinds of things Srini

[20/09/2015 17:27:29] Weekend Testing Europe: If you write a blog/report about this session, let us know (either by email to europetesters@gmail.com, or by including [@europetesters](https://twitter.com/europetesters) in a tweet) and we'll link to your article from the session page.

[20/09/2015 17:27:30] Daniel Billing: thanks Amy for a great session

[20/09/2015 17:27:40] Weekend Testing Europe: Thanks for coming along everyone :)

[20/09/2015 17:27:52] Loren Dunlop: Yes thanks very much, and to everyone for contributing, really enjoyed it.

[20/09/2015 17:28:00] Weekend Testing Europe: Hopefully you've all learned something. If not, then at least you had a chance to play with Zork ;)

[20/09/2015 17:28:02] Daniel Billing: bye all, now back to the rugby

[20/09/2015 17:28:09] Weekend Testing Europe: See ya, Dan

[20/09/2015 17:28:19] Daniel Billing: the test data is 9 to NZ 10 to Arg

[20/09/2015 17:28:29] Weekend Testing Europe: :D

[20/09/2015 17:28:35] Kapil Saxena: Thanks Amy; Thanks All. Bye!

[20/09/2015 17:28:49] Weekend Testing Europe: Thanks Kapil. Bye

[20/09/2015 17:29:10] Loren Dunlop: that has to be a bug dan

[20/09/2015 17:29:14] Neil Taylor: Really enjoyable session Amy thanks + Zork was a particular highlight :-)

[20/09/2015 17:29:19] Trisha agarwal: thank you for the session

[20/09/2015 17:29:21] Aleksandar Simic: Thanks and bye @all

[20/09/2015 17:29:47] Weekend Testing Europe: Weekend Testing Europe set topic to "WTEU-61: END"

[20/09/2015 17:30:02] Weekend Testing Europe: Thanks everyone. Lots of good stuff shared today :)