

[8:40:16 AM] *** Weekend Testers Americas added Michael Larsen ***

[8:53:03 AM] *** Weekend Testers Americas added Scott Seltzer ***

[8:53:56 AM] *** Weekend Testers Americas added Eugenia, Justin Rohrman ***

[8:57:04 AM] *** Weekend Testers Americas added susan yin ***

[9:00:53 AM] Michael Larsen: (time check)

[9:01:14 AM] Michael Larsen: Albert, the floor is yours :).

[9:01:21 AM] Weekend Testers Americas: Note. Those, who don't have Firefox + Groundspeed installed should do it now as we didn't reserve session time for that.

[9:02:01 AM] Weekend Testers Americas: Thanks, Michael!

[9:02:18 AM] Weekend Testers Americas: Welcome to Weekend Testing Americas, session 21!

[9:02:29 AM] Weekend Testers Americas: My name is Albert Gareev. I will be your host today.

[9:02:35 AM] Weekend Testers Americas: Let's start with introductions.

[9:03:18 AM] Scott Seltzer: My name is Scott Seltzer. I live in Israel and have been doing software testing since 1994. I think this is about my 4th or 5th Weekend Testing session.

[9:03:34 AM] Justin Rohrman: Hi everyone, my name is Justin Rohrman. I'm the lone tester at a clinical hand writing recognition company, based in Nashville, TN. I'm on twitter at justinrohrman.

[9:04:23 AM | Edited 9:04:44 AM] Michael Larsen: Michael Larsen, Lone Tester out of San Francisco, CA, USA. Founder of WTA, principal facilitator (I'm just assisting today, though). BBST Instructor for AST, but today, I'm a tester looking to learn something new and cool :). On Twitter at @mkltesthead and blog at <http://mkltesthead.com/>.

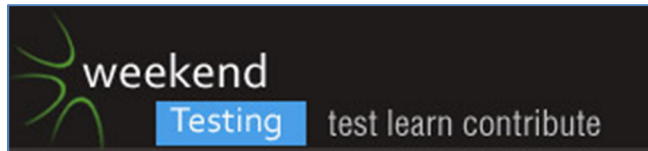
[9:04:43 AM] susan yin: my name is Susan, and this is my first time join the weekend testing

[9:04:51 AM] Weekend Testers Americas: My name is Albert Gareev. I'm Toronto based contractor. I'm 2nd (After Michael Larsen) facilitator at Weekend Testing Americas. I blog at <http://automation-beyond.com/> and I tweet as @AGareev.

[9:05:03 AM] Michael Larsen: Yay Susan! Welcome and thanks for joining us today :).

[9:07:06 AM] Weekend Testers Americas: We suggest paired approach for today's mission so that participants can help and work with each other.

[9:07:14 AM] Eugenia: ok



[9:07:45 AM] Michael Larsen: Susan or Eugenia, I'd be happy to be part of a pair if you'd like.

[9:08:01 AM] susan yin: ok, np

[9:08:03 AM | Edited 9:08:10 AM] Michael Larsen: that means we start a side conversation in another Skype windows

[9:08:23 AM] Scott Seltzer: I'm available for pairing...

[9:08:26 AM] Justin Rohrman: Scott, want to pair?

[9:08:30 AM] Scott Seltzer: Sure.

[9:08:31 AM] Eugenia: I'm happy to be

[9:08:43 AM] Michael Larsen: Albert, will you be pairing as well today?

[9:08:48 AM] Eugenia: tnks Michael

[9:09:01 AM] Weekend Testers Americas: Pairs can discuss mission in their own chat, help each other in case of technical challenges, and will mutually work on the mission.

[9:09:29 AM] Michael Larsen: then let's have Justin/Scott, Eugenia/me, and Susan/Albert

[9:09:34 AM] Weekend Testers Americas: @Michael Yes, I think I can, we're not crowded today :)

[9:09:42 AM] Michael Larsen: Susan, Weekend is Albert, just in case that's not clear ;).

[9:10:22 AM] susan yin: yep

[9:10:47 AM] *** Missed conference call. ***

[9:11:12 AM] Michael Larsen: OK Albert, what's our mission and charter for today :).

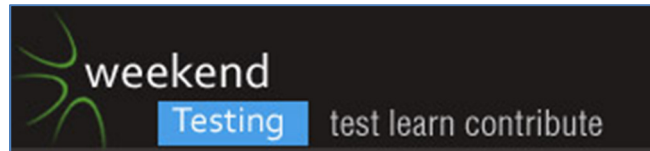
[9:12:08 AM] Weekend Testers Americas: Before we go through the exercises some theory:

[9:13:33 AM] Weekend Testers Americas: Modern applications have a few layers of 'defense' that are supposed to protect against unauthorized access. The very first layer is at the front-end, merged with the UI.

[9:14:30 AM] *** Weekend Testers Americas added Markus Deibel ***

[9:15:24 AM] Weekend Testers Americas: The UI part, client-side part, is at user's computer and therefore users have the most capacities to manipulate with that.

[9:16:02 AM] Michael Larsen: Hi Markus.



[9:16:13 AM] Michael Larsen: Albert is presenting the mission.

[9:16:23 AM] Michael Larsen: so give it a minute to update :).

[9:16:25 AM] Markus Deibel: Hi guys, I'm a bit late and will also manage to only join the discussion later on

[9:16:45 AM] Michael Larsen: Note. Those, who don't have Firefox + Groundspeed installed should do it now as we didn't reserve session time for that.

[9:17:07 AM] Weekend Testers Americas: Mozilla Firefox browser has a variety of add-ons available, and today we will use one of them to learn about application and to manipulate it in the ways users normally cannot.

[9:19:07 AM] Weekend Testers Americas: Note: this is purely exploratory testing activity. By using trial and error approach we can learn about particular weaknesses in the application, and then use that knowledge to gain some advantage. Of course, as testers, we use that knowledge to evaluate the risks and to help improving the application's security.

[9:20:32 AM] Weekend Testers Americas: Now, I'm going to walk you through a couple of exercises with Groundspeed so we can become familiar with its interface and the technique.

[9:22:10 AM] Weekend Testers Americas: After that, each pair needs to develop in collaboration a few (a least 1-2) testing techniques or ideas based on use of Groundspeed, and then report their ideas to the group chat.

[9:22:52 AM] Weekend Testers Americas: Everyone is ready? Show your hands (y)

[9:22:59 AM] Michael Larsen: (y)

[9:23:06 AM] susan yin: (y)

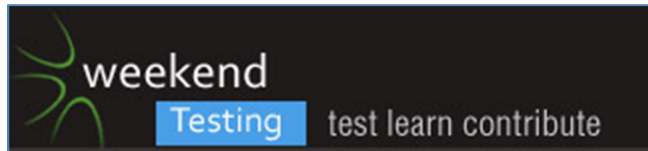
[9:23:40 AM] Scott Seltzer: (y)

[9:23:44 AM] Justin Rohrman: I'm not exactly sure what you mean by test techniques / ideas? Can you give an example?

[9:24:06 AM] Eugenia: (y)

[9:24:32 AM] Michael Larsen: Justin, as we explore the application, give some consideration as to how you might use groundspeed to accomplish a testing goal.

[9:24:43 AM] Justin Rohrman: ok, that makes sense



[9:24:59 AM] Weekend Testers Americas: @Justin I suggest we do exercises first, and then we can develop the first example together

[9:25:17 AM] Weekend Testers Americas: Exercise 1.

[9:25:42 AM] Weekend Testers Americas: Setup: Start FF. Open Google 'Advanced Search' Page.

[9:26:54 AM] Scott Seltzer: http://www.google.com/advanced_search

[9:27:02 AM | Edited 9:27:18 AM] Weekend Testers Americas: Step 1. Open Groundspeed panel. (Alt+R)

[9:28:21 AM] Weekend Testers Americas: Step 2. Locate 'Forms' panel inside GS.

[9:28:45 AM] Weekend Testers Americas: Step 3. Locate 'f(FORM)' entry.

[9:29:49 AM] Weekend Testers Americas: Step 4. Expand 'f(FORM)' and locate 'hl(HIDDEN)' entry. Single left-click on it.

[9:31:22 AM] Weekend Testers Americas: Step 5. Expected state: 2nd panel, 'Attributes', displays type, value, name; On the Advanced Search page a red block representing hidden input field has appeared.

[9:31:32 AM] Weekend Testers Americas: Everybody has that?

[9:31:40 AM] Michael Larsen: Yes.

[9:31:44 AM] Justin Rohrman: yes

[9:32:05 AM] Scott Seltzer: Yes.

[9:32:17 AM] Weekend Testers Americas: Let's pause and explore here for a minute.

[9:32:44 AM] susan yin: yes

[9:32:51 AM] Michael Larsen: So we can see that there are attributes.

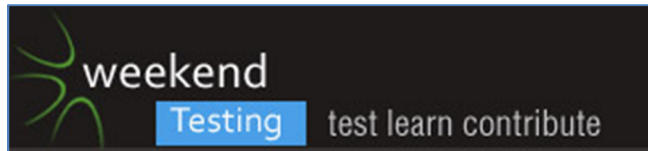
[9:32:58 AM | Edited 9:37:13 AM] Michael Larsen: en

[9:33:01 AM] Weekend Testers Americas: What we've got is a 'back-door' access to the input form, with all its controls and their attributes.

[9:33:53 AM] Weekend Testers Americas: If you click on other controls under 'f(FORM)' you can see them highlighted, their attributes and default values.

[9:34:56 AM] Weekend Testers Americas: Now let's focus back on 'hl(HIDDEN)' control.

[9:35:06 AM] Justin Rohrman: some of them aren't highlighted on the page, cr(SELECT) for example



[9:35:48 AM] Scott Seltzer: It is if you expand the following section:

+ Date, usage rights, region, and more

[9:36:11 AM] Justin Rohrman: ah! right

[9:36:40 AM] Weekend Testers Americas: One of attributes is displayed as 'value = en'. (Note: it's "en" for me because I'm on English page. Could be different for you).

[9:36:57 AM] Weekend Testers Americas: Can you post what's the value you see?

[9:37:05 AM] Justin Rohrman: en

[9:37:07 AM] Scott Seltzer: en

[9:37:12 AM] susan yin: en

[9:38:08 AM] Weekend Testers Americas: @Eugenia, any difficulties?

[9:38:20 AM] Eugenia: yes

[9:38:28 AM] Eugenia: yes

[9:38:41 AM] Michael Larsen: Eugenia, are you able to see the page in question?

[9:39:05 AM] Michael Larsen: if you need help, let me know on opur pair chat and I'll help guide you through it.

[9:39:19 AM] Eugenia: Yes

[9:39:48 AM] Eugenia: I see both

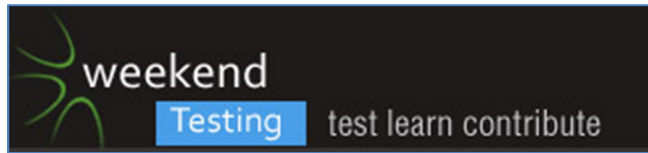
[9:39:59 AM] Weekend Testers Americas: OK, while Michael is helping Eugenia we can pause again and defocus.

[9:42:25 AM] Weekend Testers Americas: Hackers use all available sources to gain information about application's architecture and components. As testers, we can simply talk to our stakeholders. For example, ask a fellow developer about meaning of the hidden field - what's it for, how it's used

[9:43:04 AM] Weekend Testers Americas: Michael/Eugenia, did you get to the Step 5 seeing 'hl' attributes?

[9:43:11 AM] Michael Larsen: Yes.

[9:44:43 AM] Michael Larsen: value = en for Eugenia



[9:44:44 AM] Weekend Testers Americas: Step 6. On GS tab, 'Attributes' panel, mark the line 'value = en' and left double-click on it. A small pop-up window will appear.

[9:45:32 AM] Weekend Testers Americas: Step 6. In the pop-up, input 'fr' instead of 'en' and click OK.

[9:46:31 AM] Michael Larsen: Cool :).

[9:46:34 AM | Edited 9:46:54 AM] Weekend Testers Americas: Manipulation is done. Now enter any text for the search field and click 'Advanced search'.

[9:46:54 AM] Michael Larsen: All of the search results and link fields come back in french :).

[9:46:58 AM] Weekend Testers Americas: What do you see?

[9:47:09 AM] Scott Seltzer: Same as Michael.

[9:47:38 AM] Justin Rohrman: that did not happen for me, trying to figure out why

[9:48:16 AM | Edited 9:48:23 AM] Michael Larsen: Justin did you save the change to the hidden field?

[9:48:34 AM] Michael Larsen: try this.

[9:48:40 AM] Weekend Testers Americas: While waiting for Justin, we can have a short discussion on the exercise done.

[9:48:41 AM] Michael Larsen: select the hidden field

[9:48:49 AM] Michael Larsen: change the value field to fr

[9:48:58 AM] Michael Larsen: click OK.

[9:49:09 AM] Michael Larsen: enter Marseilles into the advance search window

[9:49:15 AM] Michael Larsen: then press advanced search.

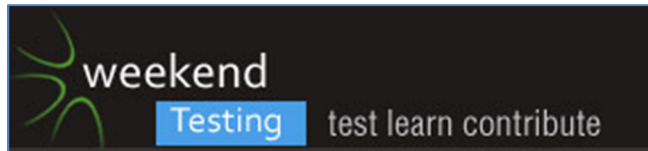
[9:49:39 AM] Weekend Testers Americas: That was pretty harmless manipulation but we actually managed to make the app something that it wouldn't normally do.

[9:49:44 AM] Michael Larsen: It's possible that you may have picked a term that didn't have any french word options.

[9:50:22 AM] Justin Rohrman: I used "test"

[9:50:23 AM] Eugenia: I see in English, but my attributes "Fr"

[9:50:40 AM] Eugenia: got it, I used victory



[9:50:43 AM] Weekend Testers Americas: Aha. You must use 'fr'. It's case-sensitive.

[9:51:21 AM] Michael Larsen: So there we go, some discovery and a potential hang-up :).

[9:51:37 AM] Scott Seltzer: It's not case-sensitive. I just tried with FR and it worked.

[9:51:39 AM] Justin Rohrman: searching for "victory", the left sidebar is in french and search results are in english

[9:51:56 AM] Weekend Testers Americas: @Michael. Actually, even if there are no French test results, the entire Google interface will still turn French.

[9:52:14 AM] Michael Larsen: Yep, that's what I was looking to see :).

[9:52:15 AM] susan yin: that is right

[9:52:28 AM] Scott Seltzer: Yes, the results are English but the interface is in French.

[9:52:48 AM] Justin Rohrman: ooh ok, my misunderstanding then. Guess I'm seeing the correct thing

[9:52:57 AM] Justin Rohrman: I thought everything would be french for some reason

[9:53:05 AM] Weekend Testers Americas: (y)

[9:53:31 AM] Weekend Testers Americas: Now go back to the 'Advanced Search' page and try with different languages.

[9:54:12 AM] Scott Seltzer: I just did "he" and it's all in Hebrew, right-to-left and everything.

[9:55:08 AM] Justin Rohrman: jp doesn't seem to work, returns english

[9:55:29 AM] Michael Larsen: Jsutin, use 'ja'

[9:55:36 AM] Justin Rohrman: ooh :D

[9:55:42 AM] Michael Larsen: jp is a country code. ja is a language code

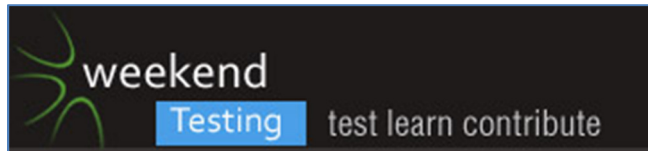
[9:55:54 AM] Eugenia: value has changed to the word you choose

[9:55:55 AM] Michael Larsen: Confirmed it myself :).

[9:56:04 AM] Justin Rohrman: yeah, that works better

[9:56:22 AM] Justin Rohrman: so I guess I know what happens for non-lang codes now.

[9:56:45 AM] Michael Larsen: See, swo this is cool, we have already made a simple list of tests with just one field.



[9:56:57 AM] Michael Larsen: we can see what happens by manipulating just one field.

[9:57:08 AM] Michael Larsen: e can test for fasle [positives by changing the case

[9:57:22 AM] Weekend Testers Americas: Exercise 2.

[9:57:24 AM] Michael Larsen: we can also do so by checking to se if we enter the right code.

[9:57:34 AM | Edited 9:57:43 AM] Michael Larsen: and Albert wants us to move on (LOL!).

[9:58:16 AM] Weekend Testers Americas: Setup. Open FF. Open EBay RegForm.

[9:58:50 AM] Scott Seltzer: <https://scgi.ebay.com/ws/eBayISAPI.dll?RegisterEnterInfo>

[9:58:51 AM] Weekend Testers Americas: Step 1. Open Groundspeed panel. (Alt+R)

Step 2. Locate 'Forms' panel inside GS.

[10:00:17 AM] Scott Seltzer: Lots of hidden fields here.

[10:00:51 AM] Weekend Testers Americas: Step 3. Locate 'RegisterEnterInfo(FORM)' entry.

[10:01:43 AM] Weekend Testers Americas: Step 4. Expand the form and locate 'zip (TEXT)' entry. Single left-click on it.

[10:02:17 AM] Scott Seltzer: It has more attributes - id, maxlength, size.

[10:03:23 AM] Weekend Testers Americas: Step 5. Expected state: 2nd panel, 'Attributes', displays type, id, maxlength, value, size, name; the contol was highlighted

[10:03:32 AM] Weekend Testers Americas: Everybody has that?

[10:03:44 AM] Scott Seltzer: Yes.

[10:03:49 AM] Justin Rohrman: Yes

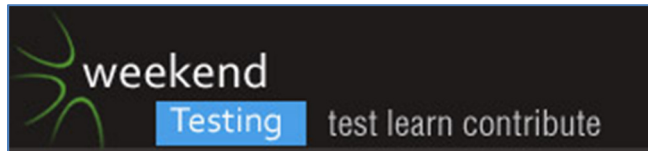
[10:03:52 AM] Eugenia: yes

[10:03:55 AM] Michael Larsen: yes

[10:04:00 AM] Weekend Testers Americas: @Susan?

[10:05:30 AM] susan yin: yes

[10:05:32 AM] susan yin: see that



[10:06:50 AM] Weekend Testers Americas: Step 6. On GS tab, 'Attributes' panel, mark the line 'maxlength = 12'. Just mark, don't change.

[10:07:27 AM] Weekend Testers Americas: Now, let's go to the GUI and see if we indeed can not input more, than 12 chars

[10:08:03 AM] Weekend Testers Americas: '123456789012' I was able to type in.

[10:08:13 AM] Eugenia: the same

[10:08:13 AM] Justin Rohrman: same

[10:08:19 AM] susan yin: yeah, only 12max

[10:08:20 AM] Scott Seltzer: Yup.

[10:08:23 AM] Michael Larsen: 12 max

[10:08:53 AM] Weekend Testers Americas: Step 6. (cont.) left double-click on the marked line. A small pop-up window will appear.

[10:09:27 AM] Weekend Testers Americas: Step 7. In the pop-up, input '20' instead of '12' and click OK.

[10:09:51 AM] Weekend Testers Americas: I can enter '123456789012abcdefgh' now!

[10:10:08 AM] Michael Larsen: and i can enter 20 characters :)

[10:10:23 AM] Justin Rohrman: 0123456789asdfghjklq

[10:10:31 AM] Justin Rohrman: 20 chars

[10:10:38 AM] Weekend Testers Americas: Everybody has that?

[10:10:40 AM] Eugenia: 20 chars entere

[10:10:42 AM] Scott Seltzer: Yes.

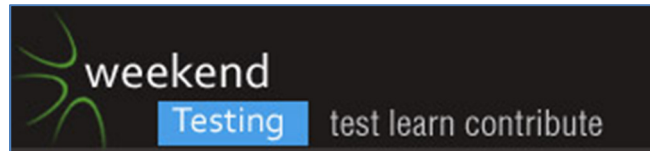
[10:11:00 AM] susan yin: me too

[10:11:05 AM] Weekend Testers Americas: Congrats! We've accomplished today's exercises! :)

[10:11:40 AM] susan yin: cool

[10:11:49 AM] Michael Larsen: so should we break off into pairs and expand on this now?

[10:11:50 AM] Justin Rohrman: does this tool do anything aside from give us the ability to edit hiddel fields?



[10:11:54 AM] Weekend Testers Americas: Before we take 30 minutes to work on the mission, do we need to develop a sample technique or test idea together?

[10:12:18 AM] Michael Larsen: It seems to me that we would need to do what Justin just asked.

[10:12:32 AM] Weekend Testers Americas: @Justin Not only hidden fields. Postal/ZIP was visible.

[10:12:48 AM | Edited 10:12:52 AM] Michael Larsen: While we know now that we can edit these fields, what could we do with them?

[10:13:21 AM] Michael Larsen: If you were tasked with doing security testing for your site, how could groundspeed help/hinder that process?

[10:13:21 AM] Justin Rohrman: I didn't need groundspeed to edit the zip, it gave me the ability to edit attributes of the fields

[10:13:49 AM | Edited 10:14:00 AM] Michael Larsen: @Justin, Yep, what could you potentially do with that?

[10:13:50 AM] susan yin: i think we can see if the back end side will accept the manipulated data from user interface

[10:13:52 AM] Weekend Testers Americas: @Justin with the tool you actually change the workflow beyond the intended ways

[10:14:05 AM] Justin Rohrman: right, I see that

[10:14:11 AM | Edited 10:14:28 AM] Michael Larsen: Could you potentially cause a database error?

[10:14:38 AM] Michael Larsen: If so, what might that database error display to you?

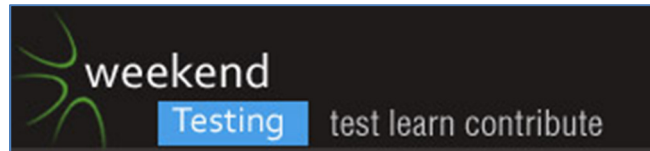
[10:14:41 AM] Justin Rohrman: possibly, I'm not sure the tool would be help that though

[10:14:55 AM] Michael Larsen: Might not, may only get us an error code.

[10:15:37 AM] Michael Larsen: But here's a thought. Suppose as a quick attack you decided to, form grins, get the program to print out every error handling message that it has. this might be a really good way to get that to happen.

[10:15:59 AM] Weekend Testers Americas: Test idea example N1. If an application has a hidden 'discount' field I can edit and set another value than default.

[10:16:24 AM] Scott Seltzer: Right. It might not be possible to test the server-side error handling if the client-side is blocking. This would be a good work-around for that.



[10:16:38 AM] Michael Larsen: Heh, good point, what if the discount codes for various items were listed as hidden fields, could we see them and apply them?

[10:17:00 AM] Justin Rohrman: was thinking that same thing @Michael

[10:17:01 AM] Scott Seltzer: There is a hidden PromoCode field!

[10:17:49 AM] Michael Larsen: Yep... hmmm, think Jon might want to know about this? It does count as "Live Site" testing ;).

[10:17:58 AM] Michael Larsen: Jon == Jon Bach.

[10:18:09 AM] Michael Larsen: He may already, of course :).

[10:18:59 AM] Weekend Testers Americas: When you work on the mission, you don't need to limit yourself to the examples given or the apps given in the exercises.

[10:19:22 AM] Weekend Testers Americas: Map it to your testing experience.

[10:19:47 AM] Michael Larsen: I'm just jumping around the Ebay site right now, since we're here.

[10:20:13 AM] Weekend Testers Americas: So, everybody is ready to start working on the mission?

[10:20:26 AM] susan yin: (y)

[10:20:44 AM] Eugenia: (y)

[10:20:49 AM] Scott Seltzer: Yeah.

[10:20:57 AM] Justin Rohrman: yes

[10:21:05 AM] Michael Larsen: yes

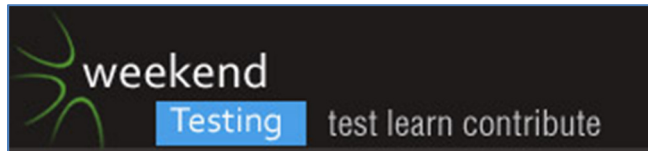
[10:21:15 AM] Michael Larsen: note, we have 40 total minutes left for the session.

[10:21:37 AM] Weekend Testers Americas: Although, we don't have 30 minutes left. Let's get back to the main chat at 1.45PM EST (approx. in 20 mins)

[10:21:54 AM] Eugenia: ol

[10:21:57 AM] Eugenia: ok

[10:22:03 AM] Weekend Testers Americas: [9:17 AM] Weekend Testers Americas:



<<< After that, each pair needs to develop in collaboration a few (a least 1-2) testing techniques or ideas based on use of Groundspeed, and then report their ideas to the group chat.

[10:22:40 AM] susan yin: yes i am here

[10:41:10 AM] Weekend Testers Americas: Time check! 5 minutes left.

[10:42:45 AM] Michael Larsen: OK, eugenia and I have the following to offer:

[10:43:56 AM] Michael Larsen: database testing: use the tool to expand fields to overrun the designated size of particular fields. see if the system sends back an error code or offers up other tidbits.

[10:44:41 AM] Michael Larsen: error code testing: if you have access to the error code listings in the source, see if you can use groundspeed to cause all of them to appear at least once.

[10:45:33 AM | Edited 10:45:49 AM] Michael Larsen: con man testing: determine if discount codes can be modified and a greater discount can be applied. Check to see if the code for shipping can be waived. Enter a discount to the point where you get money back :).

[10:46:19 AM] Michael Larsen: Most of our other ideas were variations on these themes, so we'll go with those :).

[10:47:42 AM] Michael Larsen: oh and the language option can also be very helpful to seeing what your site looks like in numerous languages and determine if CSS tweaks are needed so that the site appears consistent.

[10:48:18 AM] Weekend Testers Americas: Justin? Scott? Please go after Susan.

[10:49:20 AM] susan yin: 1. privilege testing: change the attribute of a button from invisible to visible, that means change the privilege for the user, and click the button, see if the application can accept the function call...

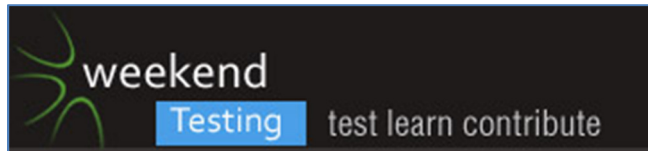
[10:50:28 AM] Scott Seltzer: Price hacking: we were able to use Groundspeed to hack a paypal form and change a products price from \$20 to \$0.01. We won't disclose the name of the website!

[10:51:10 AM] Scott Seltzer: Javascript hack: In the ebay form, the email and password fields didn't allow copy/cut/paste so it was easy to disable those limitations with Groundspeed.

[10:51:42 AM] Scott Seltzer: Cart hack: editing items in a cart or adding items to someone elses cart with the product and user ids.

[10:52:24 AM] Scott Seltzer: That's it for us.

[10:55:27 AM] Weekend Testers Americas: I post my observations.



With the Groundspeed I gain access to the three new techniques.

1. Input values that you are normally not able to input - via hidden fields.
2. Bypass front-end validation of values.
3. Trigger function calls in the application that are normally disabled or not accessible.

[10:56:16 AM] Weekend Testers Americas: All the ideas we've discussed today were based on the mentioned techniques.

[10:57:16 AM] Michael Larsen: remember the BIT

[10:57:29 AM] Weekend Testers Americas: I suggest, Groundspeed is a handy tool for Web App testers to have in the arsenal. With simple quick tests we might help discovering important problems.

[10:57:42 AM] Michael Larsen: Bypass front end, Input forbidden values, Trigger Events

[10:57:56 AM] Weekend Testers Americas: That's BITE :)

[10:58:11 AM] Michael Larsen: this is cool, Albert, I think I could totally use this with the product I regularly test.

[10:58:20 AM] Markus Deibel: Nice one Michael :)

[10:58:25 AM | Edited 10:58:29 AM] Michael Larsen: Bypass, Input, Trigger

[10:58:52 AM] Michael Larsen: the events happen, we don't actually do something to them ;).

[10:59:23 AM] Michael Larsen: What can I say, I like collecting mnemonics, and I'm bummed I haven't invented one yet (LOL!).

[10:59:41 AM] Markus Deibel: While you paired I read through the exercises and now following the discussion I will definitely keep the tool in mind

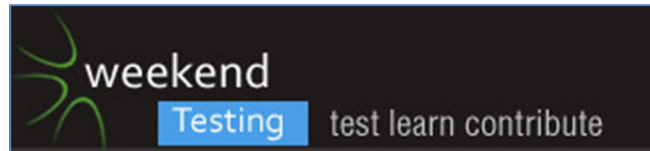
[10:59:43 AM] Weekend Testers Americas: [10:57 AM] Michael Larsen:

<<< remember the BITI guess, we have a name for the session report :)

[10:59:56 AM] Michael Larsen: ooh, nice :).

[11:00:26 AM] Michael Larsen: OK, gang, we are officially at the top of the hour.

[11:00:30 AM] Eugenia: BIT (beer)



[11:00:36 AM] Michael Larsen: Final comments?

[11:00:43 AM] Eugenia: yes

[11:01:00 AM] susan yin: hmm, really cool tool...and definetly broad my view on security testing

[11:01:06 AM] Michael Larsen: well, let's hear them, then :).

[11:01:11 AM] Markus Deibel: ... especially since my company will put a tool into the interwebs with restricted access. I think I can look better into the security of this thing following this session.

[11:01:59 AM] Michael Larsen: This goes to show that there are tools that can broaden testing horizons without necessarily having to go the gray market route, and it's something anyoen could conceivably run and test with.

[11:02:19 AM] Justin Rohrman: This was an interesting session, I think the lessons will be quickly applicable.

[11:02:39 AM] Michael Larsen: It also shows taht we can have some simple heuristics to use and broadly test a range of applications.

[11:03:12 AM] Michael Larsen: It took a little longer to get this one rolling in comparison, but I think the time was worth it. It let us consider the tool in greater depth rather than just jumpiong off and testing.

[11:03:53 AM] Michael Larsen: Thank you Albert, for an engaging and effective session, and thanks to all of the participants for your active involvement and participation.

[11:04:08 AM] Justin Rohrman: thanks

[11:04:25 AM] Eugenia: many thanks

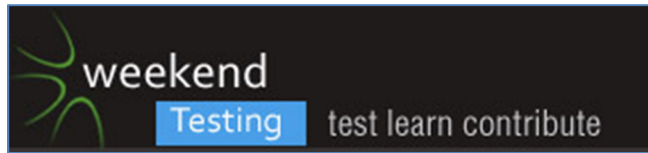
[11:04:31 AM] susan yin: thanks,

[11:04:58 AM] Scott Seltzer: Thanks, all.

[11:05:57 AM] Weekend Testers Americas: Today's session report will be posted at weekendtesting.com. As usual, we encourage the participants to post their own experience reports as well.

[11:06:36 AM] Michael Larsen: Yep, I think I know what I'll be posting form toight's TESTHEAD :).

[11:07:11 AM] Weekend Testers Americas: If anybody wants to be a guest facilitator presenting the testing challenge or the app you actually test at work - we are open for consideration!



[11:07:55 AM] Michael Larsen: Indeed, we want to expand the opportunities to hold sessions. right now it's limited to mine and Albert's schedules.

[11:08:21 AM] Weekend Testers Americas: Thank you all for the engaged participation and collaboration!

[11:08:27 AM] Michael Larsen: More facilitators == the potential for more frequent sessions (and the facilitator gets to choose the time the session is held, too ;)).

[11:08:33 AM] Markus Deibel: Thanks guys for letting me suck up your thoughts ;) Hope you have a good weekend, I'm off to a bit of partying :)

[11:10:11 AM] Weekend Testers Americas: Over and out, bye till next time! :)

[11:10:18 AM] Scott Seltzer: Bye.

[11:10:26 AM] susan yin: bye

[11:10:30 AM] Michael Larsen: bye

[11:10:42 AM] Eugenia: see all next time