

TT-minutes-20151116

Agenda

- Build Tools
- UML Modeling
- Debugging and Analysis
- Automated Testing
- AOB

paulsherwood	== GENIVI Tools Team Meeting Starts ==	14:00
paulsherwood	hi all	14:00
*** KlausUhl has joined #automotive		14:00
paulsherwood	usual draft agenda https://genivi-oss.atlassian.net/wiki/display/TOOL/TT-minutes-20151116	14:00
gunnarx	looks familiar...	14:00
*** pavelk has joined #automotive		14:00
paulsherwood	last week's minutes https://genivi-oss.atlassian.net/wiki/display/TOOL/TT-minutes-20151109	14:01
paulsherwood	first up - any proposed additions to agenda or AOB today?	14:01
gmacario	Agenda is OK to me	14:01
paulsherwood	cool...	14:02
paulsherwood	shall we begin? :)	14:02
gunnarx	+1	14:02
paulsherwood	- Build Tools -	14:02
*** phongtran has joined #automotive		14:03
gunnarx	A few new pull requests on franca automation.	14:03
* paulsherwood notes that codethink did receive info from gunnarx and is expecting to contribute to the good pilot		14:03
gunnarx	can you say again?	14:03
gunnarx	I sent you some info last week I think	14:04
gmacario	gunnarx: How about moving official franca_install_automation to git.projects.genivi.org - has the process started?	14:04
paulsherwood	that what i said, gunnarx - you did your action	14:04
paulsherwood	we need to do ours now :)	14:04
gunnarx	ah, ok. hard to parse :)	14:04

gmacario	May I be forwarded same info about the good pilot?	14:05
paulsherwood	+1 on making franca_install_automation 'official'	14:05
gunnarx	gmacario: Maybe it's time soon (franca auto). I think I felt that we should take the first step towards SDK first	14:05
gunnarx	and the pull request workflow works well for us :)	14:05
gmacario	So who is owning the process of releasing franca_install_automation on git.projects.genivi.org ?	14:05
gunnarx	We are at the exact same stage as last time we discussed it though.	14:06
gmacario	And who will be maintaining it?	14:06
gmacario	Could I suggest to track this as a specific action - i.e. in some issue tracking tools?	14:06
paulsherwood	gmacario: seems fair enough	14:06
gunnarx	I'll be happy to continue maintaining for a while.	14:07
paulsherwood	i believe we've agreed previously to standardise on jira for tracking here	14:07
paulsherwood	gmacario: would you care to raise that ticket?	14:07
gunnarx	I'm happy to have more than one committer also for that matter.	14:07
paulsherwood	+1	14:07
gmacario	if someone gives me the URL where should I create it - we have so many JIRAs out there	14:07
gunnarx	lol	14:08
*** fury- has joined #automotive		14:08
paulsherwood	gmacario: https://genivi-oss.atlassian.net/secure/Dashboard.jspa	14:08
* paulsherwood hopes/believes that this should move to a 'proper' genivi url soon		14:08
manfred_	+1	14:09
paulsherwood	that's being tracked in pmo, though, not here	14:09
gmacario	https://genivi-oss.atlassian.net/browse/TOOL-8	14:09
paulsherwood	gmacario: tvn	14:09
paulsherwood	any more on build tools?	14:09
*** fury- is now known as fury		14:10
gunnarx	we maybe should wait to see what manfred_ will publish...	14:10
gunnarx	?	14:10

manfred_	I increasingly get lost to manage all those locations to retrieve relevant information from	14: 10
paulsherwood	manfred_: me too :)	14: 10
gmacario	FYI: just published a short HOWTO to easily run GDP inside VirtualBox: https://t.co/r1KsijPq6D	14: 10
gmacario	(actually not just for GDP but for any Yocto-based images)	14: 11
gunnarx	... if manfred_ soon coming tools affects strategy in any way.	14: 11
paulsherwood	gmacario: i saw that. my only question, is would it be better on the official gdp wiki?	14: 11
manfred_	you got me gunnar ;D	14: 11
gmacario	I have also submitted a PR against the GENIVI Demo Platform to make it happen: http://bugs.genivi.org/show_bug.cgi?id=413	14: 11
gunnarx	no, I'm seriously suggesting TT should see if it affects something	14: 11
gunnarx	I'm still not 100% sure if franca_automation overlaps Yamaica for example	14: 11
gmacario	paulsherwood: Well I did it for my own education, but if someone feels it relevant for the official GDP wiki I may submit a PR :-)	14: 12
paulsherwood	interesting... who would be best able to answer that, gunnarx ?	14: 12
gunnarx	but maybe more choice is better, and I don't expect Yamaica to include QtCreator installation etc.	14: 12
gunnarx	manfred_ would	14: 12
paulsherwood	ack	14: 12
*** toscalix has quit IRC		14: 12
paulsherwood	gmacario: i think it's relevant - quite a lot of folks uses vbox after all	14: 13
paulsherwood	and it's a lower-friction startpoint than getting a devboard, for example	14: 13
gmacario	So should I publish it under https://genivi-oss.atlassian.net/wiki/	14: 13
manfred_	yamaica installation uses franca installation + its own contents. so yamaica may build upon franca install automation as I understand	14: 13
gmacario	As I expect wiki.projects.genivi.org is going to be phased out soon	14: 13
gunnarx	gmacario, did you try this with GDP? The page talks about core-image-minimal	14: 14
paulsherwood	gmacario: yes, i think so. jonathanmaw - do you know what the plan is wrt migrating gdp wiki to confluence? is there one?	14: 14
gmacario	It will work as soon as http://bugs.genivi.org/show_bug.cgi?id=413 is fixed	14: 14
gunnarx	gmacario, yes, new topics are encouraged to go to the new Wiki for sure, I think you know that.	14: 14
gmacario	And it work on my private fork BTW	14: 15
gmacario	works	14: 15

paulsherwood	ok, i'm itching to move to next topic	14: 15
gmacario	+1	14: 15
paulsherwood	- UML Modeling -	14: 15
gunnarx	many topics at once	14: 15
paulsherwood	gunnarx: that's one of the great things about irc :)	14: 15
gunnarx	manfred_, maybe we could take a little time to talk this through some day	14: 15
paulsherwood	gunnarx, manfred_ - maybe hang around after this meeting?	14: 16
gunnarx	paulsherwood, the whole wiki needs to migrate of course, what's special about GDP wiki?	14: 16
paulsherwood	gunnarx: only that it has quite a lot of content, i think :)	14: 16
gunnarx	ok	14: 16
* paulsherwood remains disappointed that there wasn't a script/automation for this		14: 17
paulsherwood	any advance on uml modeling?	14: 18
* paulsherwood notes that this was approx silent last week...		14: 18
paulsherwood	is it that the folks who are mainly leading this are not here recently?	14: 18
gunnarx	partly, yes	14: 19
paulsherwood	ok, shall we move on?	14: 19
gunnarx	+1	14: 19
paulsherwood	- Debugging and Analysis -	14: 19
paulsherwood	...	14: 20
gunnarx	I would like pull requests, as I said last week :)	14: 20
paulsherwood	:~)	14: 21
paulsherwood	"gunnarx I have nothing, still would take pull requests on "franca automation" for installing GDB support and similar"	14: 21
gunnarx	yep. similar = valgrind, linux dev tools, whatever already exists in eclipse world	14: 22
paulsherwood	i do think GDP would be improved by having some tools for debugging explicitly included (ideally optional)	14: 22
gunnarx	on a related note configuration management in the eclipse universe seems mind boggling to me.	14: 22
paulsherwood	wschaller, jonathanmaw ^^ :)	14: 23
gunnarx	I'm here to support, not that much work I think if we do it together.	14: 23

paulsherwood	gunnarx: i'm a commandline kinda guy	14: 23
wschaller	paulsherwood, just catching up, noted	14: 23
paulsherwood	tvm	14: 23
gunnarx	until you break your arm	14: 23
paulsherwood	gunnarx: i'm back to pushups every morning, thanks for asking :-)	14: 24
gunnarx	glad to hear it	14: 24
paulsherwood	:-)	14: 24
paulsherwood	ok... shall we move on?	14: 24
paulsherwood	- Automated Testing -	14: 25
paulsherwood	afaik there's not been any real progress on this in TT so far... jeremiah and collabora were discussing elsewhere iirc	14: 26
gunnarx	I found this http://wiki.projects.genivi.org/index.php/Test_suite_for_GDP	14: 26
gunnarx	it's a very basic suggestion how to set up tests but that's all	14: 26
paulsherwood	it's a start! :)	14: 27
gunnarx	yes definitely. a framework	14: 27
paulsherwood	i note that there's been some work done integrating kernel tests into agl...	14: 27
paulsherwood	and it immediately exposed the question of what to do when most of them break...	14: 27
gunnarx	does agl modify the kernel much	14: 28
gunnarx	is it in combination with various weird bsps... what's breaking?	14: 28
pavelk	gunnarx: it's mostly because of disable kernel config options	14: 28
gunnarx	ok, makes sense	14: 28
paulsherwood	right... but then the question is whether to enable the stuff (even though it may not be relevant for agl) or disable the tests, or what	14: 29
gunnarx	must be hard to do kernel testing I mean, if you disable a function you can't expect it to be there. so your tests become only a reflection of your config.	14: 29
gunnarx	does it add value?	14: 29
paulsherwood	quite.	14: 29
paulsherwood	one of the general blindspots i've noticed elsewhere is a tendency for folks to add tests without considering the cost/value of that	14: 30
paulsherwood	for example in pursuit of some coverage goal, or because it's 'obviously better quality'	14: 30
pavelk	iirc, the infrastructure that agl uses also allows for deliberate tests being added (not only to test the kernel)	14: 30

gunnarx	ok, good to know. how about agl members jump into the meeting to add info like this?	14: 31
* paulsherwood is an agl member, doign his best :)		14: 31
pavelk	they invited other members to create such tests	14: 31
gunnarx	that's why the meeting is held here I thought	14: 31
paulsherwood	gunnarx: it's held here so we can all huddle together for warmth :)	14: 31
gunnarx	not really, I hardly feel alone.	14: 32
gunnarx	moving on?	14: 32
paulsherwood	gunnarx: well, the #genivi channel was never gardened properly	14: 32
paulsherwood	imo	14: 32
gunnarx	I'm fine with #automotive	14: 32
paulsherwood	gunnarx: before we move on... any thoughts/preferences on test infra approach for go.cd?	14: 33
paulsherwood	have you seen any existing solutions to deal with devboards for example?	14: 33
gunnarx	anything can be integrated. I think lava for target deployed tests is the consensus, haven't heard much else	14: 33
paulsherwood	ack	14: 33
paulsherwood	i remain interested in https://github.com/qca/boardfarm	14: 34
pavelk	how about Itsi framework?	14: 34
paulsherwood	but recent experience shows that people seem to reject my choices, doubting my motives :)	14: 34
paulsherwood	pavelk: i believe agl is going with that	14: 35
pavelk	paulsherwood: yes	14: 35
gunnarx	no haven't seen existing solutions but whatever infra you run you need an agent to powercycle, load, and start up a board	14: 35
gunnarx	unless the board itself is the agent, might work too	14: 35
paulsherwood	gunnarx: yup	14: 35
paulsherwood	ok, moving on then?	14: 35
gunnarx	sure	14: 36
paulsherwood	- AOB -	14: 36
* paulsherwood has none this week		14: 36
* gunnarx has none		14: 37

paulsherwood	any others?	14: 38
gmacario	None from me	14: 38
gunnarx	who would be interested in a targeted discussion on on-target testing?	14: 38
paulsherwood	i would	14: 39
gunnarx	target on target on... hmm	14: 39
paulsherwood	when?	14: 39
gunnarx	I just feel we need to flesh out some details and get going. are we waiting for anything in particular? :)	14: 39
paulsherwood	contributions is the usual bottleneck :)	14: 39
gunnarx	sure, I'm just looking for some building blocks really. someone out there surely has experience I would have thought	14: 40
paulsherwood	no doubt	14: 40
paulsherwood	we could canvas for a hangout or similar on this topic?	14: 41
paulsherwood	(ie email the lists suggesting a virtual meetup, see how much interest we get)	14: 41
gunnarx	I'm not much of a hangout guy, but yes, something similar :)	14: 41
paulsherwood	well alternatives would be appear.in , skype, or ?	14: 42
gunnarx	One thing, how much of JTA is Jenkins and how much is other useful stuff I wonder.	14: 42
gunnarx	telco and webex :)	14: 43
paulsherwood	yes i suppose so :)	14: 43
paulsherwood	shall we do that?	14: 43
gunnarx	yes, let's	14: 43
paulsherwood	we could make it earlier in the day, see if we get different attendees	14: 44
pavelk	are we talking about one of the next TT meetings?\	14: 44
pavelk	ah, something in addition...	14: 44
paulsherwood	pavelk: actually it could be that way... just announce that one of our meetings will include a session on on-target testing	14: 44
paulsherwood	which do folks prefer? something different, or extend a TT meeting?	14: 45
pavelk	paulsherwood: it would be good to drag the BIT folks into that	14: 45
* paulsherwood slightly favours the latter, but would like to move TT meetings earlier in the day		14: 45
paulsherwood	pavelk: ack	14: 45

pavelk	I would prefer TT timeslot, possibly extended on the front or on the back	14: 46
paulsherwood	pavelk: not monday mornigns, then? ;)	14: 46
pavelk	paulsherwood: would work for me as well	14: 47
paulsherwood	ok... i propose that we consider this properly, and cause a future TT meeting to be expressly extended to include this topic	14: 47
paulsherwood	(probably a december meeting)	14: 47
paulsherwood	any -1 on this?	14: 48
* paulsherwood takes silence as approval		14: 48
paulsherwood	ok, i'll raise that as an action.	14: 49
paulsherwood	any final AOB?	14: 49
pavelk	nope	14: 49
paulsherwood	5	14: 49
paulsherwood	4	14: 49
paulsherwood	3	14: 49
paulsherwood	2	14: 49
paulsherwood	1	14: 49
pavelk	boom	14: 49
gmacario	LOL	14: 49
paulsherwood	== GENIVI Tools Team Meeting Ends ==	