

TT-minutes-20151123

paulsherwood	== GENIVI Tools Team Meeting Starts ==	1 4 : 00
klausbirken	hi!	1 4 : 00
paulsherwood	klausbirken: welcome back :)	1 4 : 00
gmacario	Hello!	1 4 : 00
paulsherwood	gmacario: hi	1 4 : 00
philrob	hi !	1 4 : 00
*** pavelk has joined #automotive		1 4 : 00
*** tcouniha has quit IRC		1 4 : 00
paulsherwood	philrob: :-)	1 4 : 00
klausbirken	paulsherwood: thanx	1 4 : 00
paulsherwood	so i propose the normal agenda, but first...	1 4 : 01
gunnarx	cliffhanger...	1 4 : 01
paulsherwood	i notice that https://at.projects.genivi.org/wiki/dashboard.action exists	1 4 : 01
* jeremiah waits . . .		1 4 : 01
paulsherwood	sadly i can't actually log into it!	1 4 : 01

jeremiah	Nor can I	1 4 : 01
paulsherwood	but i'm guessing that future content needs to go there	1 4 : 01
jeremiah	I've sent an email to GENIVI IT about it	1 4 : 01
gunnarx	I'm just now trying a password reset, account seems to be there	1 4 : 02
* paulsherwood has tried reset.... no sign		1 4 : 02
paulsherwood	anyways...	1 4 : 02
paulsherwood	does anyone have proposed agenda items?	1 4 : 02
gmacario	Re: at.provides.genivi.org vs https://genivi-oss.atlassian.net	1 4 : 03
* paulsherwood thinks 'Note: This cloud-based version of GENIVI's Open Source projects is now historical. The current version is the server version of Confluence located here: http://at.projects.genivi.org/wiki . User credentials have been maintained (and are the same).' is not actually true		1 4 : 03
* gunnarx also failed logging in		1 4 : 03
paulsherwood	agenda items for this meetign in general, gmacario	1 4 : 03
gmacario	I just realized that gunnarx has commented in https://genivi-oss.atlassian.net/browse/TOOL-8 but there is also a new https://at.projects.genivi.org/jira/browse/TOOL-8	1 4 : 03
* paulsherwood has one but it can wait til aob		1 4 : 03
philrob	credentials for at.genivi.org will be at the agena of pmo call tomorrow (I have also problems and sent already an email to genivi IT)	1 4 : 03
gunnarx	yes, I know	1 4 : 03
paulsherwood	philrob: ok thanks	1 4 : 04

gunnarx	it was the only one I could log in to :-D	1 4 : 04
paulsherwood	so for the moment... last week's content is at https://genivi-oss.atlassian.net/wiki/display/TOOL/TT-minutes-20151116	1 4 : 04
paulsherwood	moving on...	1 4 : 04
paulsherwood	- Build Tools -	1 4 : 04
jeremiah	I think we want to add the AAP code to GDP	1 4 : 05
jeremiah	Does that qualify for a "build tools" topic?	1 4 : 05
gunnarx	typical build tool issue :)	1 4 : 05
paulsherwood	jeremiah: i believe GDP is normally to be discussed in BIT	1 4 : 05
jeremiah	Ah.	1 4 : 05
paulsherwood	but my AOB item involves this	1 4 : 05
jeremiah	Okay, then I'll send an email to genivi-projects and cc the BIT	1 4 : 05
paulsherwood	jeremiah: good idea	1 4 : 06
philrob	yeap, I will discuss it with Korea to-morrow morning, it is not a topic for build tools IMO	1 4 : 06
gunnarx	yes, but maintainers are also in #automotive, so you're not that far off	1 4 : 06
paulsherwood	:-)	1 4 : 06
jeremiah	To be honest, I was hoping for a little info leakage. :-)	1 4 : 06

gunnarx	anyway, Paul what is a build tool again?	1 4 : 06
jeremiah	lol	1 4 : 06
paulsherwood	klausbirken: i have an outstanding action to discuss franca/franca_install_automation with you	1 4 : 06
philrob	I have sent already an note to GDP maintainers on it, my objective is that they bring the AAP code maintainer into genivi-projects	1 4 : 07
gunnarx	I always get confused too about what goes where in the agenda, tbh	1 4 : 07
paulsherwood	gunnarx: i think i explained my perspective on tools in general :)	1 4 : 07
klausbirken	paulsherwood: ok	1 4 : 07
paulsherwood	klausbirken: basically i think the question is, could franca_install_automation become officially part of franca?	1 4 : 07
* paulsherwood may be wrong		1 4 : 08
klausbirken	paulsherwood: could be... have to think about it	1 4 : 08
paulsherwood	klausbirken: great... can i assign the action to you now? :-)	1 4 : 09
jeremiah	klausbirken: If it does belong upstream, perhaps we can note that here: https://genivi-oss.atlassian.net/browse/TOOL-8	1 4 : 09
jeremiah	Just for clarity.	1 4 : 09
klausbirken	:-)	1 4 : 09
gunnarx	OK, I can see from last week's minutes that franca_install_automation is part of build tools topic, good.	1 4 : 09
gunnarx	if I may provide some input, as the creator of the project :)	1 4 : 09

jeremiah	heh	1 4 : 09
paulsherwood	gunnarx: please go ahead	1 4 : 09
gunnarx	After spending probably 8 hours trying to get IONAS in there I think my approach doesn't really scale that well...	1 4 : 09
klausbirken	gunnarx: what would you think about merging install_automation into franca?	1 4 : 10
gunnarx	It's a LOT of effort to install all dependencies manually. Either I need to tap into what eclipse already does, or going back to some manual install step is maybe the only reasonable way	1 4 : 10
klausbirken	yes, this is lot of effort...	1 4 : 11
gunnarx	To explain to those who don't get it, <code>_every_</code> dependency recursively is <code>_explicitly_</code> installed in my script. Normal eclipse - you just point to the sites and select the topmost package and it figures out all dependencies that are needed.	1 4 : 11
paulsherwood	ack	1 4 : 11
klausbirken	in general, I think install_automation wants to bundle Franca and tools using Franca (i.e., CommonAPI, IoNAS)	1 4 : 11
klausbirken	so it might not be the best idea to put everything into one project	1 4 : 12
gunnarx	the whole eclipse ecosystem is dependency hell, my perception. would like to chat more with klausbirken how he even manages to develop stuff that works :-)	1 4 : 12
paulsherwood	gunnarx: so are you thinking that install_automation has no future, or?	1 4 : 12
gunnarx	paulsherwood: it's useful in its current state, but I'm uncertain if it really is the right approach	1 4 : 12
gunnarx	obviously incremental updates are easier once a certain feature is in there.	1 4 : 13
gmacario	Well IMHO requirements behind franca_install_automation are quite OK	1 4 : 13
gmacario	"make Franca installation easy" :-)	1 4 : 13

gmacario	and CommonAPI-C++	1 4 : 13
paulsherwood	gunnarx: understood. but if it's useful, incorporating it into franca upstream seems worthwhile?	1 4 : 13
gmacario	and IoNAS, etc	1 4 : 13
gunnarx	sure, I suspect eclipse people would like to do it differently though	1 4 : 14
paulsherwood	anyways, i think an action is on klausbirken to consider	1 4 : 14
gunnarx	but starting the conversation with those in the know should help, I might be doing things wrong...	1 4 : 14
gunnarx	yes, would be nice if klaus can help	1 4 : 14
klausbirken	regarding the dependency problem when building an Eclipse instance, the Oomph project might be useful (https://projects.eclipse.org/proposals/oomph)	1 4 : 14
*** waltminer has joined #automotive		1 4 : 15
paulsherwood	https://genivi-oss.atlassian.net/browse/TOOL-6	1 4 : 15
klausbirken	it has a slightly different scope, but maybe we could use it anyway	1 4 : 15
paulsherwood	+1 for looking at existing solutions	1 4 : 15
gunnarx	I have limited bandwidth learning about all eclipse details I feel since i just want the GENIVI tools to work, but ...	1 4 : 15
*** tcouniha has joined #automotive		1 4 : 15
paulsherwood	gunnarx: we need other volunteers? :)	1 4 : 16
paulsherwood	any other franca users here?	1 4 : 16

gunnarx	Yes. Oomph is apparently an Eclipse way to automate installs.	1 4 : 16
paulsherwood	shall we move on?	1 4 : 17
klausbirken	gunnarx: I don't know yet if Oomph and vagrant can be combined nicely...	1 4 : 17
gunnarx	I think so. Can't commit to succeeding with IONAS at the moment. Franca and CommonAPI tooling is usable as it is today though.	1 4 : 17
klausbirken	I will try to apply Oomph for our task at hand...	1 4 : 17
gunnarx	OK, thanks klaus. Let's keep in touch.	1 4 : 18
fredcadete	FYI, here we use Franca and CommonAPI avoiding Eclipse most of the time	1 4 : 18
paulsherwood	klausbirken: thanks! :)	1 4 : 18
fredcadete	with the command-line generators	1 4 : 18
paulsherwood	fredcadete: :)	1 4 : 18
gunnarx	We agree to put "launching" of this tool on the back burner a while longer?	1 4 : 18
paulsherwood	gunnarx: seems so	1 4 : 18
klausbirken	gunnarx: ok	1 4 : 18
paulsherwood	any more discussion wrt Build Tools?	1 4 : 18
gunnarx	fredcadete: yes, command-line and lots of other tools would likely be feasible also in my approach. That's the plan we had to turn this into an SDK builder.	1 4 : 19
jeremiah	Pelagicore may be able to put some resources behind the command line tools	1 4 : 19

gunnarx	ok, let's see how things go until next week. I put so much work into the IONAS support already I likely want to try to finish anyway.	1 4 : 20
paulsherwood	ok. gunnarx i notice you mentioned last time a possible discussion with manfred... did that happen?	1 4 : 20
gunnarx	no	1 4 : 20
paulsherwood	ok	1 4 : 21
paulsherwood	shall we move on?	1 4 : 21
paulsherwood	(should there be an action for that conversation?)	1 4 : 21
gunnarx	idk, I think I asked a simple question last time, didn't get a response really	1 4 : 22
paulsherwood	ack	1 4 : 22
gunnarx	the simple question is: does franca_install_automation overlap the features of yamaica at all, or should yamaica be included in f-i-a	1 4 : 22
gunnarx	I thought Manfred would be in a position to clarify	1 4 : 22
*** tcouniha has quit IRC		1 4 : 22
gunnarx	let's move on...	1 4 : 23
*** tcouniha1 has joined #automotive		1 4 : 23
paulsherwood	https://genivi-oss.atlassian.net/browse/TOOL-9	1 4 : 23
paulsherwood	- UML Modeling -	1 4 : 23
paulsherwood	this has been silent recently... are there interested parties to discuss here?	1 4 : 23

paulsherwood	5,4,3,2,1	1 4 : 24
jeremiah	Manfred submitted something about it, I have to clarify	1 4 : 24
jeremiah	with him	1 4 : 24
paulsherwood	ok, shall we leave that with you, jeremiah ?	1 4 : 25
jeremiah	yep	1 4 : 25
paulsherwood	tvm	1 4 : 25
paulsherwood	any more on UML?	1 4 : 25
paulsherwood	- Debugging and Analysis -	1 4 : 26
paulsherwood	we previously expressed interest in having debug tools in GDP	1 4 : 26
* paulsherwood wonders if there's been any thought on that elsewhere		1 4 : 27
gunnarx	And interest in pull requests that add GDB-related Eclipse packages to you know what. :-)	1 4 : 27
paulsherwood	jonathanmaw: has this been raised with the GDP team, do you know?	1 4 : 27
*** phongtran has joined #automotive		1 4 : 27
jonathanmaw	paulsherwood: It's been mentioned before, but I don't think we've written it down as a thing to do.	1 4 : 28
paulsherwood	jonathanmaw: where would such an action be raised? bugzilla?	1 4 : 29
jonathanmaw	paulsherwood: yes, bugzilla preferred	1 4 : 29

jonathanmaw	http://bugs.genivi.org/buglist.cgi?product=GENIVI%20Demonstration%20Platform&component=meta-genivi-demo&resolution=---	1 4 : 29
paulsherwood	any tools team member volutneer to raise this there?	1 4 : 29
gunnarx	jonathanmaw, it could be about whether GDP maintainers use those tools, which ones, and how. Probably you do on your own machines but don't think much of it.	1 4 : 30
paulsherwood	preferably someone who knows what kind of thing would be interesting	1 4 : 30
gunnarx	paulsherwood: ^^ is the above the issue to raise, or which issue?	1 4 : 30
paulsherwood	i thought the issue was to include some useful debug tools into the GDP (so that users of GDP could benefit from debug capabilities)	1 4 : 31
* paulsherwood could be wrong of course		1 4 : 31
* paulsherwood wonders what AGL does for debug		1 4 : 31
gunnarx	yeah sure, I'm just pointing out the difference between host and target... GDP is target software, so we should then identify what goes on there I suppose.	1 4 : 31
paulsherwood	ack	1 4 : 32
*** philrob has quit IRC		1 4 : 32
gunnarx	DLT daemon is of course obvious. It's used by some (most) standard GENIVI components	1 4 : 32
paulsherwood	jonathanmaw: would you mind writing something up on this? it's not urgent, but would be a worthwhile task if/when other load on GDP is low	1 4 : 32
* paulsherwood proposes to move on, unless there are other debug/analysis topics		1 4 : 33
gmacario	+1	1 4 : 34
paulsherwood	- Automated Testing -	1 4 : 34

paulsherwood	jeremiah: any update from you on this, i believe you have been discussing elsewhere previously	1 4 : 35
jeremiah	I have no new update.	1 4 : 35
jeremiah	I think we need to discuss however.	1 4 : 35
*** philrob has joined #automotive		1 4 : 35
paulsherwood	please go ahead?	1 4 : 35
jeremiah	For example, there was talk in using Jenkins w/ AGL	1 4 : 35
jeremiah	But I don't think that is viable at the moment because	1 4 : 36
jeremiah	they mostly test the kernel	1 4 : 36
gunnarx	I took a quick look at JTA. As far as I can see the actual test definitions and deployment might be independent of Jenkins. I'm obviously interested in at least sharing that part in a Go environment.	1 4 : 36
jeremiah	and there is little overlap (currently)	1 4 : 36
paulsherwood	ack	1 4 : 36
jeremiah	gunnarx: Sounds logical	1 4 : 36
gunnarx	So if the scripting part of JTA is useful then it should be reused.	1 4 : 36
jeremiah	In which case, perhaps we want to put the tests in Go.CD?	1 4 : 36
gunnarx	I ran out of steam however. I look at too many things	1 4 : 36
jeremiah	That makes two of us I'm afraid	1 4 : 37

paulsherwood	gunnarx: as i understand it the go.cd approach can be used to drive pretty much any test framework?	1 4 : 37
gunnarx	So I'd like to understand if the non-Jenkins part of JTA is better than LAVA (they claim it is but independent comparison would help)	1 4 : 37
gunnarx	oh sure, you can drive anything	1 4 : 37
jeremiah	LAVA is good because it is testing on the actual hardware.	1 4 : 37
paulsherwood	JTA doesn't test on hardware?	1 4 : 38
gunnarx	the only question is if JTA can be separated into two parts. Initial looks like it might but would need more detailed look.	1 4 : 38
jeremiah	JTA does, but lacks certain LAVA peices	1 4 : 38
paulsherwood	can someone provide a link to JTA please?	1 4 : 38
gunnarx	I'm not entirely sure why the authors felt it was a good idea to join these very different parts into one project, but I guess it's a fast way to get something up	1 4 : 38
gmacario	http://elinux.org/Jenkins-based_Test_Automation	1 4 : 38
paulsherwood	gmacario: tvn	1 4 : 39
jeremiah	Well, one reason was that it is already part of the Linux CE group as well as the LTSI testing suite.	1 4 : 39
gunnarx	what was?	1 4 : 39
jeremiah	The thought was that it wouldn't be too hard to add automotive tests.	1 4 : 39
jeremiah	(The plan for JTA to add automotive.)	1 4 : 39
paulsherwood	adding automotive tests seems to be harder than people think :)	1 4 : 40

gmacario	"the crazy automotive guys" :-)	1 4 : 40
*** waltminer has quit IRC		1 4 : 40
paulsherwood	so, do we have a specific action on this? somehow to compare JTA and Lava? or do we expect to need both? or something else?	1 4 : 40
paulsherwood	gmacario: yup	1 4 : 41
gunnarx	jeremiah: I am reading that LTSI project uses JTA. My question is rather why "Jenkins" and "Test Framework" were joined into JTA? The framework defining and running the tests look like it can be independent of Jenkins. It's written in a completely different environment and language and so on.	1 4 : 41
jeremiah	Ah.	1 4 : 41
gunnarx	It's in bash btw	1 4 : 42
jeremiah	bash FTW!	1 4 : 42
gunnarx	Well written bash, but none the less :)	1 4 : 42
paulsherwood	:)	1 4 : 42
paulsherwood	moving on, is the go.cd spinup part of this automated testing topic?	1 4 : 42
paulsherwood	any news on this gunnarx ?	1 4 : 42
gunnarx	I should say, it's probably portable bourne shell script. anyway I digress	1 4 : 42
gunnarx	yeah...	1 4 : 43
jeremiah	If its portable, what's stopping us from migrating interesting bits to the Go.CD instance?	1 4 : 43
jeremiah	In which case, all we need is a template or an example	1 4 : 43

jeremiah	And we're off an running	1 4 : 43
paulsherwood	well volunteered, jeremiah :)	1 4 : 43
gunnarx	jeremiah: Someone needs to confirm how easy it is to split them, I wrote it above. And do the work.	1 4 : 43
gunnarx	but yes, it feels like a useful thing to do	1 4 : 43
jeremiah	:~)	1 4 : 43
paulsherwood	shall i create an action for this?	1 4 : 43
jeremiah	I volunteer to write / copy paste a test example	1 4 : 44
jeremiah	for evaluation here	1 4 : 44
jeremiah	Then I hand over to others.	1 4 : 44
gunnarx	worthwhile to talk to JTA upstream before it becomes a fork	1 4 : 44
paulsherwood	i think the aim would be to actually trigger it in the pipeline?	1 4 : 44
jeremiah	Starting to become to big for just little ole me	1 4 : 44
paulsherwood	ack	1 4 : 45
gunnarx	OK, so go.cd is in a bit of a holding pattern. I'm trying to close phase 1 but have 1/3 expected agents running so far	1 4 : 45
paulsherwood	https://genivi-oss.atlassian.net/browse/TOOL-10	1 4 : 46
paulsherwood	gunnarx: is that the arm one?	1 4 : 46

gunnarx	also, the server itself needs migration. The temporary server will be taken offline and move to a new IP any day, and the go.genivi.org needs to come up.	1 4 : 46
gunnarx	paulsherwood: yes, it's the arm one.	1 4 : 46
paulsherwood	ack. are you still seeking contribs? what's happening with the other 2?	1 4 : 47
jeremiah	I'm one of two, too few cycles ATM	1 4 : 47
*** apinheiro has quit IRC		1 4 : 47
* paulsherwood wonders if the third is here?		1 4 : 47
paulsherwood	jeremiah: better to be busy, than bored :)	1 4 : 48
jeremiah	Ask not for whom the bell tolss . . .	1 4 : 48
jeremiah	tolls even	1 4 : 48
gunnarx	so because of the IP move and stuff I think full roll-out to users should be delayed until we know. So I'd say don't hold your breath this week. Soon...	1 4 : 48
paulsherwood	gunnarx: ok	1 4 : 48
paulsherwood	any more on Test Automation?	1 4 : 48
paulsherwood	54321	1 4 : 49
paulsherwood	- AOB -	1 4 : 49
paulsherwood	any aob from you folks?	1 4 : 49
gmacario	No AoB for me	1 4 : 49

gunnarx	can't think of any	1 4 : 49
klausbirken	None for me	1 4 : 49
* paulsherwood has... possible move of TT meetings to early wednesday mornings?		1 4 : 49
klausbirken	How early?	1 4 : 50
jeremiah	I would be able tow make it fwiw	1 4 : 50
paulsherwood	this is suggested in light of overlap with BIT, and possibility of combining discussions	1 4 : 50
gunnarx	starting 9.30 CET?	1 4 : 50
paulsherwood	suggestion would be (say) 10:00 CET	1 4 : 50
paulsherwood	or earlier	1 4 : 50
gmacario	10:00 CET may work for me	1 4 : 50
philrob	because of UK time ?	1 4 : 50
paulsherwood	it can be earlier, 08:30 uk time is not really *early* :)	1 4 : 51
jeremiah	Its 07:30 CET	1 4 : 51
jeremiah	That's plenty early	1 4 : 51
jeremiah	:P	1 4 : 51
paulsherwood	:)	1 4 : 51

gunnarx	suggestion thrown around has been to do BIT first, so are we talking the starting time of BIT, or the TT that follows	1 4 : 52
paulsherwood	yup	1 4 : 52
gunnarx	oh good, one of the two	1 4 : 52
jeremiah	ah, good to know, makes sense to have them one after the other.	1 4 : 52
paulsherwood	starting time of bit	1 4 : 52
gunnarx	lol	1 4 : 52
paulsherwood	or overlap them...	1 4 : 52
klausbirken	when will TT start then?	1 4 : 52
jeremiah	or squish them into one?	1 4 : 52
philrob	I would recommend no change until we have discussed more comprehensively the genivi BIT/TT activities, might need another week	1 4 : 52
paulsherwood	philrob: noted. i was mainly asking here how folks feel about the concept	1 4 : 53
gunnarx	I agree, this is really just about testing the time.	1 4 : 53
paulsherwood	any participants strongly opposed?	1 4 : 53
gunnarx	paulsherwood: no you asked about the time, not the concept really	1 4 : 53
paulsherwood	the concept of moving the time :)	1 4 : 53
philrob	yeap, no problem with a poll on coordination time	1 4 : 53

paulsherwood	as a side benefit, it might make it easier for participants in asia to join	1 4 : 54
philrob	+1	1 4 : 54
paulsherwood	which was raised as an objective at the AMM	1 4 : 54
paulsherwood	do i take it no-one here would be strongly opposed to this?	1 4 : 55
philrob	have to go now	1 4 : 55
gunnarx	to what!	1 4 : 55
gmacario	To change the time for TT to Wed at 10:00 CET OK for me	1 4 : 55
klausbirken	I am not available for most of the Wednesdays remaining in 2015, but in 2016 it will be ok.	1 4 : 55
jeremiah	I heard recently that there was an Open Source conference hosted by Samsung in Korea right after our AMM that had 12,000 participants.	1 4 : 55
klausbirken	10 CET ok for me, too	1 4 : 55
gunnarx	to change the time to some time wednesday morning, no I'm not opposed.	1 4 : 55
paulsherwood	to that, gunnarx :)	1 4 : 55
paulsherwood	ok.	1 4 : 56
paulsherwood	aob?	1 4 : 56
paulsherwood	ao aob?	1 4 : 56
jeremiah	If you want to submit a paper to OSCON	1 4 : 56

jeremiah	Do it today	1 4 : 56
paulsherwood	noted	1 4 : 56
jeremiah	CfP ends tomorrow	1 4 : 56
paulsherwood	thanks	1 4 : 56
gunnarx	OSCON?	1 4 : 56
paulsherwood	any more?	1 4 : 56
jeremiah	Also, 12,000 participants!	1 4 : 56
gunnarx	Damn, that's early...	1 4 : 56
jeremiah	at an open source conf!	1 4 : 56
jeremiah	12,000	1 4 : 56
paulsherwood	jeremiah: link to that conf?	1 4 : 56
jeremiah	participants	1 4 : 56
jeremiah	have to dig one up	1 4 : 56
* paulsherwood proposes to terminate this meeting		1 4 : 57
paulsherwood	== GENIVI Tools Team Meeting Ends ==	