

Linux Plumbers Conference 2020

Monday 24 August 2020

GNU Tools Track: GNU Tools Track - GNU Tools track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[134] BoF: GDB	MARCHI, Simon
07:25	Break (5 minutes)	
07:30	[191] BoF: DWARF5/DWARF64	WIELAARD, Mark
07:55	Break (5 minutes)	
08:00	[186] Lightning Talk: elfutils debuginfod http-server progress: clients and servers	EIGLER, Frank MEREY, Aaron
08:10	Break (5 minutes)	
08:15	[158] Lightning Talk: Teaching GraalVM DWARFfish : Debugging Native Java using gdb	DINN, Andrew
08:25	Break (5 minutes)	
08:30	[171] The Light-Weight JIT Compiler Project	MAKAROV, Vladimir
08:55	Break (5 minutes)	
09:00	[187] Project Ranger Update	HERNANDEZ, Aldy MACLEOD, Andrew
09:25	Break (5 minutes)	
09:30	[159] Tutorial: GNU poke, what is new in 2020	MARCHESI, Jose E.

Tuesday 25 August 2020

GNU Tools Track - GNU Tools track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[167] BoF: Binutils	CLIFTON, Nick
07:25	Break (5 minutes)	
07:30	[253] BoF: The GNU C Library	O'DONELL, Carlos
07:55	Break (5 minutes)	
08:00	[204] BoF: C++ 20 Modules & GLIBC/Kernel Headers	WEIMER, Florian SIDWELL, Nathan
08:25	Break (5 minutes)	
08:30	[161] Lightning Talk: Fuzzing glibc's iconv program	SHANKAR, Arjun
08:40	Break (5 minutes)	
08:45	[214] Lightning Talk: Linking LTO and Make	RAVI, John
08:55	Break (5 minutes)	
09:00	[208] ld.so in the 2020's	WOODARD, Ben
09:25	Break (5 minutes)	
09:30	[165] New frontiers in CTF linking: type deduplication	ALCOCK, Nick
09:55	Break (5 minutes)	
10:00	[160] GCC's -fanalyzer option	MALCOLM, David

Wednesday 26 August 2020

GNU Tools Track - GNU Tools track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[131] Q&A: GCC Steering Committee, GLIBC, GDB, Binutils Stewards	EDELSON, David
07:25	Break (5 minutes)	
07:30	[166] The LLVM/GCC BoF	Dr BENNETT, Jeremy
07:55	Break (5 minutes)	
08:00	[163] Lightning Talk: Accelerating machine learning workloads using new GCC built ins	S, Rajalakshmi
08:10	Break (5 minutes)	
08:15	[199] Lightning Talk: AMD GCN Update	STUBBS, Andrew
08:25	Break (5 minutes)	
08:30	[255] Security related flags: a common GCC/LLVM view	GUELTON, Serge
08:55	Break (5 minutes)	
09:25	Break (5 minutes)	
09:30	[164] Update on the BPF support in the GNU Toolchain	MARCHESI, Jose E.
09:55	Break (5 minutes)	
10:00	[213] Exploring Profile Guided Optimization of the Linux Kernel	Mr BEARMAN, ian

Thursday 27 August 2020

GNU Tools Track - GNU Tools track/Virtual-Room (07:00-11:00)

time	[id] title	presenter
07:00	[202] BoF: OpenMP, OpenACC & Offloading	BURNUS, Tobias JELINEK, Jakub
07:25	Break (5 minutes)	
07:30	[151] BoF: Speed vs accuracy for math library optimization	MCGEHEARTY, Patrick
07:55	Break (5 minutes)	
08:00	[168] Lightning talk: RISC-V Bitmanip optimizations	BLINOV, Maxim
08:10	Break (5 minutes)	
08:15	[188] Lightning Talk: The challenges of GNU tool chain support for CORE-V	Dr BENNETT, Jeremy Dr BLACKMORE, Craig
08:25	Break (5 minutes)	
08:30	[182] Kludging The editor with The compiler	Mr CORALLO, Andrea
08:55	Break (5 minutes)	
09:00	[189] State of flow-based diagnostics in GCC	Mr SEBOR, Martin
09:25	Break (5 minutes)	
09:30	[169] Enable Intel CET in Linux OS	LU, H.J.