

Linux Plumbers Conference 2020

Monday, August 24, 2020

GNU Tools Track: GNU Tools Track - GNU Tools track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	M134] BoF: GDB	MARCHI, Simon
7:25 AM	Break (5 minutes)	
7:30 AM	M191] BoF: DWARF5/DWARF64	WIELAARD, Mark
7:55 AM	Break (5 minutes)	
8:00 AM	M186] Lightning Talk: elfutils debuginfod http-server progress: clients and servers	EIGLER, Frank MEREY, Aaron
8:10 AM	Break (5 minutes)	
8:15 AM	M158] Lightning Talk: Teaching GraalVM DWARFis : Debugging Native Java using gdb	DINN, Andrew
8:25 AM	Break (5 minutes)	
8:30 AM	M171] The Light-Weight JIT Compiler Project	MAKAROV, Vladimir
8:55 AM	Break (5 minutes)	
9:00 AM	M187] Project Ranger Update	HERNANDEZ, Aldy MACLEOD, Andrew
9:25 AM	Break (5 minutes)	
9:30 AM	M159] Tutorial: GNU poke, what is new in 2020	MARCHESI, Jose E.

Tuesday, August 25, 2020

GNU Tools Track - GNU Tools track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	A167 BoF: Binutils	CLIFTON, Nick
7:25 AM	Break (5 minutes)	
7:30 AM	A153 BoF: The GNU C Library	O'DONELL, Carlos
7:55 AM	Break (5 minutes)	
8:00 AM	A104 BoF: C++ 20 Modules & GLIBC/Kernel Headers	WEIMER, Florian SIDWELL, Nathan
8:25 AM	Break (5 minutes)	
8:30 AM	A161 Lightning Talk: Fuzzing glibc's iconv program	SHANKAR, Arjun
8:40 AM	Break (5 minutes)	
8:45 AM	A114 Lightning Talk: Linking LTO and Make	RAVI, John
8:55 AM	Break (5 minutes)	
9:00 AM	A108 ld.so in the 2020's	WOODARD, Ben
9:25 AM	Break (5 minutes)	
9:30 AM	A165 New frontiers in CTF linking: type deduplication	ALCOCK, Nick
9:55 AM	Break (5 minutes)	
10:00 AM	A110 GCC's -fanalyzer option	MALCOLM, David

Wednesday, August 26, 2020

GNU Tools Track - GNU Tools track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[M31] Q&A: GCC Steering Committee, GLIBC, GDB, Binutils Stewards	EDELSON, David
7:25 AM	Break (5 minutes)	
7:30 AM	[M66] The LLVM/GCC BoF	Dr BENNETT, Jeremy
7:55 AM	Break (5 minutes)	
8:00 AM	[M63] Lightning Talk: Accelerating machine learning workloads using new GCC built ins	S, Rajalakshmi
8:10 AM	Break (5 minutes)	
8:15 AM	[M99] Lightning Talk: AMD GCN Update	STUBBS, Andrew
8:25 AM	Break (5 minutes)	
8:30 AM	[M55] Security related flags: a common GCC/LLVM view	GUELTON, Serge
8:55 AM	Break (5 minutes)	
9:25 AM	Break (5 minutes)	
9:30 AM	[M64] Update on the BPF support in the GNU Toolchain	MARCHESI, Jose E.
9:55 AM	Break (5 minutes)	
10:00 AM	[M13] Exploring Profile Guided Optimization of the Linux Kernel	Mr BEARMAN, ian

Thursday, August 27, 2020

GNU Tools Track - GNU Tools track/Virtual-Room (7:00 AM - 11:00 AM)

time	[id] title	presenter
7:00 AM	[M02] BoF: OpenMP, OpenACC & Offloading	BURNUS, Tobias JELINEK, Jakub
7:25 AM	Break (5 minutes)	
7:30 AM	[M51] BoF: Speed vs accuracy for math library optimization	MCGEHEARTY, Patrick
7:55 AM	Break (5 minutes)	
8:00 AM	[M68] Lightning talk: RISC-V Bitmanip optimizations	BLINOV, Maxim
8:10 AM	Break (5 minutes)	
8:15 AM	[M88] Lightning Talk: The challenges of GNU tool chain support for CORE-V	Dr BENNETT, Jeremy Dr BLACKMORE, Craig
8:25 AM	Break (5 minutes)	
8:30 AM	[M82] Kludging The editor with The compiler	Mr CORALLO, Andrea
8:55 AM	Break (5 minutes)	
9:00 AM	[M89] State of flow-based diagnostics in GCC	Mr SEBOR, Martin
9:25 AM	Break (5 minutes)	
9:30 AM	[M69] Enable Intel CET in Linux OS	LU, H.J.