



COMPACT OSADL ONLINE LECTURES

Overview January to April 2025



COOL
Legal edition

COOL January 2025 edition
Open Source compliance: Technical must-knows for legal experts
Wednesday, January 29, 2025, 2pm to 4pm CET

2:00pm to 3:30pm
CET:

Basic concepts of creating and running a computer program and software tools for legal evaluations

- What is "booting a computer"?, *Jan Altenberg, OSADL*
- The terminal, shell command line and directory tree, *Alexander Bähr, OSADL*
- Binary encoding of strings, *Dr. Carsten Emde, OSADL*
- Computer language: Source code, assembly, binary code, dependencies and package management, *Caren Kresse, OSADL*
- Git: A distributed version control system, *Caren Kresse, OSADL*
- Function calls, derivative work and callgraphs, *Dr. Carsten Emde, OSADL*

3:30pm to 4:00pm
CET:

Discussion and possibility to ask questions





COOL
Technical edition

COOL February 2025 edition
Understanding and using eBPF of the Linux kernel
Wednesday, February 26, 2025, 2pm to 4pm CET

2:00pm to 2:45pm
CET:

Theoretical part: Understanding and using eBPF of the Linux kernel, *Jan Altenberg, OSADL*

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| 2:45pm to 3:30pm CET: | Practical part: Analyzing and optimizing system performance with eBPF, <i>Jan Altenberg and Alexander Bähr, OSADL</i> |
| 3:30pm to 4:00pm CET: | Discussion and possibility to ask questions |
|  <p>COOL March 2025 edition Copyright aspects of training and using AI Wednesday, March 26, 2025, 2pm to 4pm CET</p> | |
| 2:00pm to 2:45pm CET: | Part I: Copyright issues with training and using Artificial Neural Networks (ANNs), <i>Dr. Lisa Käde, JBB Rechtsanwälte</i> |
| 2:45pm to 3:30pm CET: | Part II: Training generative AI: Challenges of mining copyrighted works, <i>Caren Kresse, OSADL</i> |
| 3:30pm to 4:00pm CET: | Discussion and possibility to ask questions |
|  <p>COOL April 2025 edition Industrial I/O subsystem of the Linux kernel Wednesday, April 30, 2025, 2pm to 4pm CEST</p> | |
| 2:00pm to 2:45pm CEST: | Theoretical part: The Industrial I/O subsystem (IIO): Integrating sensors in Linux, <i>Andreas Klinger, IT Klinger</i> |
| 2:45pm to 3:10pm CEST: | Practical part I: IIO from a users' perspective, <i>Andreas Klinger, IT Klinger</i> |
| 3:10pm to 3:30pm CEST: | Practical part II: Practical examples from the OSADL QA farm, <i>Alexander Bähr, OSADL</i> |
| 3:30pm to 4:00pm CEST: | Discussion and possibility to ask questions |

More information: www.osadl.org/COOL