HOT

HEIDELBERG
OSADL TALKS 2020

WHAT IS *HOT*?

HOT = Heidelberg **O**SADL **T**alks are open information events that take place several times a year in Heidelberg. Participants will get an overview of the fundamental legal aspects (Legal HOT) and technical aspects (Technical HOT) when using Open Source software in industrial products and will learn how OSADL can provide support.

WHO CAN ATTEND *HOT*?

- Employees of OSADL member companies whose in-house OSADL information day took place some time ago and who would like to get an update on current OSADL projects and services.

- New employees of OSADL member companies who are connected with Open Source software and who do not yet know OSADL and its services.

- Companies that are not yet OSADL members and whose employees want to get aquainted with OSADL, its projects and services and get to know OSADL better before or in addition to an in-house OSADL information day for their company.

WHEN AND WHERE DOES *HOT* TAKE PLACE?

In 2020 **HOT** will take place on the following dates:

SPRING	**Tuesday, April 28, 2020 (Legal HOT)**
	Wednesday, April 29, 2020 (Technical HOT)
FALL	**Tuesday, September 29, 2020 (Legal HOT)**
	Wednesday, September 30, 2020 (Technical HOT)

TP ConferenceCenter
Technologiepark Heidelberg
Im Neuenheimer Feld 582
69120 Heidelberg/Germany

Legal HOT and Technical HOT may be booked either separately or as a package.
The conference language is English.

WHAT IS THE AGENDA FOR *HOT*?

AGENDA **LEGAL** *HOT* / 9:00 am - 5:00 pm

- **What is Open Innovation, what is Open Source?**

- **Basics of international copyright law**

- **Open Source license rights and obligations exemplified with GPL-2.0**
  Principles of an Open Source license − What is copyleft, what is a derivative work?

- **Legal and practical aspects of copying and distributing Open Source software**
  License compliance as part of company compliance − Open Source policy and contribution permission − OSADL Open Source License Obligations Checklists − What is software scanning and when is it needed? − Presentation of the OSADL Scanbook − OSADL License Compliance Audit (LCA) − Examples from the OSADL legal FAQ collection − Presentation of commissioned legal assessments

AGENDA **TECHNICAL** *HOT* / 9:00 am - 5:00 pm

- **History and functionality of Linux and real-time Linux**
  Real-time extensions compared to real-time kernel (PREEMPT_RT) − Functionalities of PREEMPT_RT − Linux Foundation RTL Collaborative Project

- **Debug and trace interface of the Linux kernel and why it is important for real-time**
  Function tracing − Event tracing − Latency tracing − Principle of backtracking

- **Determination of the real-time properties of a Linux system, presentation of the OSADL QA Farm**
  Latency testing − Latency plots − Latency recording − Hardware latency detector − Quality test center

- **What causes system latencies?**
  Generation of artificial latency − Crash analysis including post-mortem debugging − Various methods to trigger system data dump

Info & registration
www.osadl.org/HOT

OPEN SOURCE + INDUSTRY = OSADL

Know-how supplier OSADL takes up technical and legal hot topics relating to the use of Open Source software in industrial products.

![OSADL logo]

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