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# OPTIMIST HOUR

Open Tools, Interfaces and Metrics for Implementation Security Testing

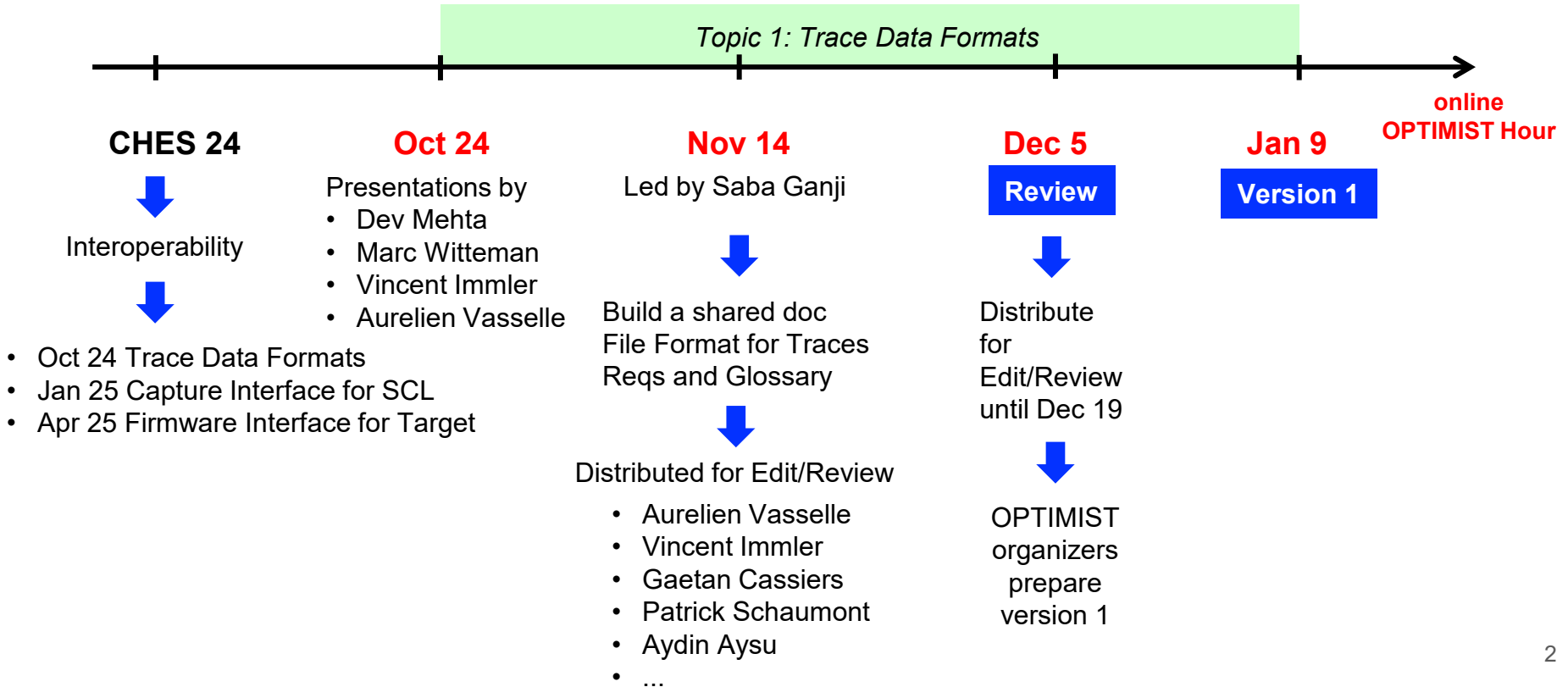
5 December, 2024

Virtual

## Trace Data Formats

<https://optimist-ose.org/>

# Google Doc: File Format for Traces



# Glossary

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Term
Data Type
Alignment
Channel
Execution
Dataset
File Format
Data Format
File Compression
Identifier
Metadata
Noise, Algorithmic
Noise, Environment
Padding

Term
Region of Interest
Record
Resolution
Experiment
Sample
Samples
Slicing
Scalar
Trace
Trigger
Noise, Algorithmic
Use Case
Vector

Term
Array
Shape
Axis
Variable
Indexing
Fancy Indexing
Slcing
Chunking

**Group Terms  
according to  
Flow**

**Measurement**



**Traces**



**Storage**



**Processing**

***Exclude  
Concepts  
related to***

**Specific  
Programming  
Languages**

**Resource  
Limitations**

**+ Avoid  
Term Aliasing  
with other  
Domains**

# Capabilities

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Term
Interoperability
Backward/Forward Compatibility
Extensibility
Open
Portability
Privacy and Security
Reproducibility

Term
Resilience
Scalability
Size
Speed
Trace Integrity
User Friendliness
Versatility
Simplicity