

# Implementor Workshop, Aug 6- 7, Seattle

[Notes doc](#)

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The goal of the workshop is to show the current progress of Trace-Context implementations as well as a joint interoperability test suite. If you come to the workshop you should have a working implementation of Trace-Context based context propagation. The workshop is targeted towards tracing tool providers as well as middleware providers like service meshes.

If we find the time we will also reserve a slot to continue our discussion on a joint trace data format.

**Venue: Microsoft Lincoln Square - meet at reception at 15th floor.**

700 Bellevue Way NE (at Lincoln Square)

Bellevue, WA 98004

United States

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**Phone Dial In:** +1 (323) 849-4874,,76874259# (En-US Dial-in Number) or [Find a local number](#)

Conference ID: 76874259

## Participants (20 people)::

Please list any food allergies or aversions next to your name.

Alois Reitbauer (Dynatrace) - low carb option if available

Christoph Neumüller (Dynatrace)

Daniel Khan (Dynatrace)

Sergey Kanzhelev (Microsoft)

Nik Molnar (Microsoft) - None

Erika Arnold (New Relic)

Natalie Wolfe (New Relic)

Ted Young (LightStep)  
Morgan McLean (Google)

Liudmila Molkova (Microsoft)  
Reiley Yang (Microsoft)  
Zaki Maksyutov (Microsoft) - None

There will be Zoom meeting for remote participants. List your name here, if you plan to participate remotely:

Fabian Lange, Instana (close to having a working implementation...)  
Ben Ripkens, Instana (Monday morning only)  
Yuri Shkuro, Uber (Monday only)

Agenda:

**Monday, Aug 6th**

Time	Topic	Presenter
8:30 - 9:00	Welcome and Arrival	
9:00 - 9:15	Milestones and Updates on Charter <a href="https://www.w3.org/2018/07/distributed-tracing">https://www.w3.org/2018/07/distributed-tracing</a>	
9:15 - 11:30	Status Updates of Implementations <ul style="list-style-type: none"><li>● Instana Update (Fabian)</li><li>● OpenCensus Update (Bogdan/Morgan)</li><li>● Microsoft Update (Sergey)</li><li>● New Relic Update (Erika/Natalie)</li><li>● Dynatrace update (Christoph)</li><li>● Jaeger Implementation (Yuri) - nothing to report</li><li>● Update on middleware providers (Ted)</li></ul>	
11:30 - 12:00	Lunch break	
12:00-14:30	Clarify open issues with Trace-Context	

	<ul style="list-style-type: none"> <li>• How to roll this out to the field.</li> <li>• Versioning of Trace-Context (Sergey) (<a href="#">see issue</a>)</li> <li>• Define V0</li> <li>• Adding to trace-state even if no additional data is not needed</li> <li>• How to fill up trace-ids</li> <li>• Size of trace-state. Can it be larger? How to avoid DDos but allow larger headers.</li> <li>• Compatibility (Backwards/Forward) of Trace-Context</li> <li>• Multiple Trace-State of same provider (Christoph) (<a href="#">see issue</a>)</li> </ul>	
14:30 - 15:00	Coffee break	
15:00-17:00	Correlation Context	Sergey
18:30 - 20:00	Joint Dinner <ul style="list-style-type: none"> <li>• Alois Reitbauer</li> <li>• Daniel Khan</li> <li>• Nik Molnar</li> <li>• Liudmila Molkova</li> <li>• Christoph Neumüller</li> <li>• Erika Arnold</li> <li>• Morgan McLean</li> <li>• Ted Young</li> </ul>	Who has time Please add name if you want to join for reservation

## Tuesday, Aug 7th

Time	Topic	Presenter
8:30 - 10:00	Recap of previous day and close PRs	
10:00- 12:00	Automated Testing and Compliance Checks <ul style="list-style-type: none"> <li>• Working test environment</li> <li>• Agree on main test cases</li> <li>• Implementation Roadmap</li> </ul>	
12:00 -13:00	Lunch	
13:00 14:00	Trace-Context Response Header ( <a href="#">see issue</a> ). This also relates to <a href="#">W3C Server Timing</a>	
14:00-15:30	Continue work on data model/API	

	<ul style="list-style-type: none"><li>● Recap on where we left</li><li>● Compare sample data export formats</li></ul>	
15:30-16:00	Coffee break	
16:00 - 17:00	gRPC Implementation <ul style="list-style-type: none"><li>● Header format</li><li>● Tracing Specifics</li></ul>	
17:00-18:00	MQTT Support	Sergey