

# Changes in the Paris and Lyon editions of the protocol

Since the last summit  
one new Eiffel edition has been published ([Paris](#)) and  
another one is on its way out the door ([Lyon](#))

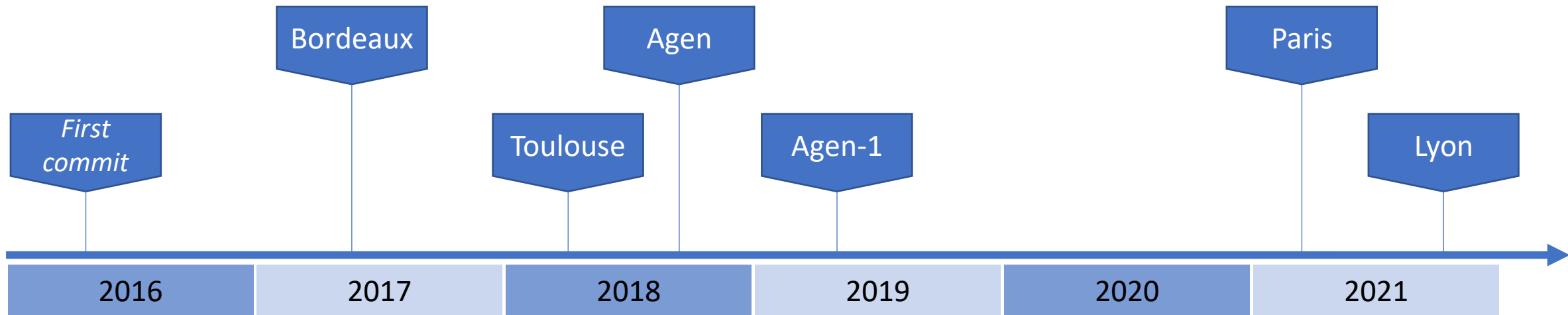
This session walks through which changes have been made in those

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# Agenda

- Historical protocol editions
- Paris
- Lyon
- Future editions

# Protocol Editions



Since last summit ([May 2020](#)) two new editions have been defined in the Eiffel protocol repository – Paris and Lyon

- Paris was released on February 16<sup>th</sup>, 2021
- Lyon is yet to be released, probably in September 2021

# Paris Edition updates

*February 2021*

## Event Definitions

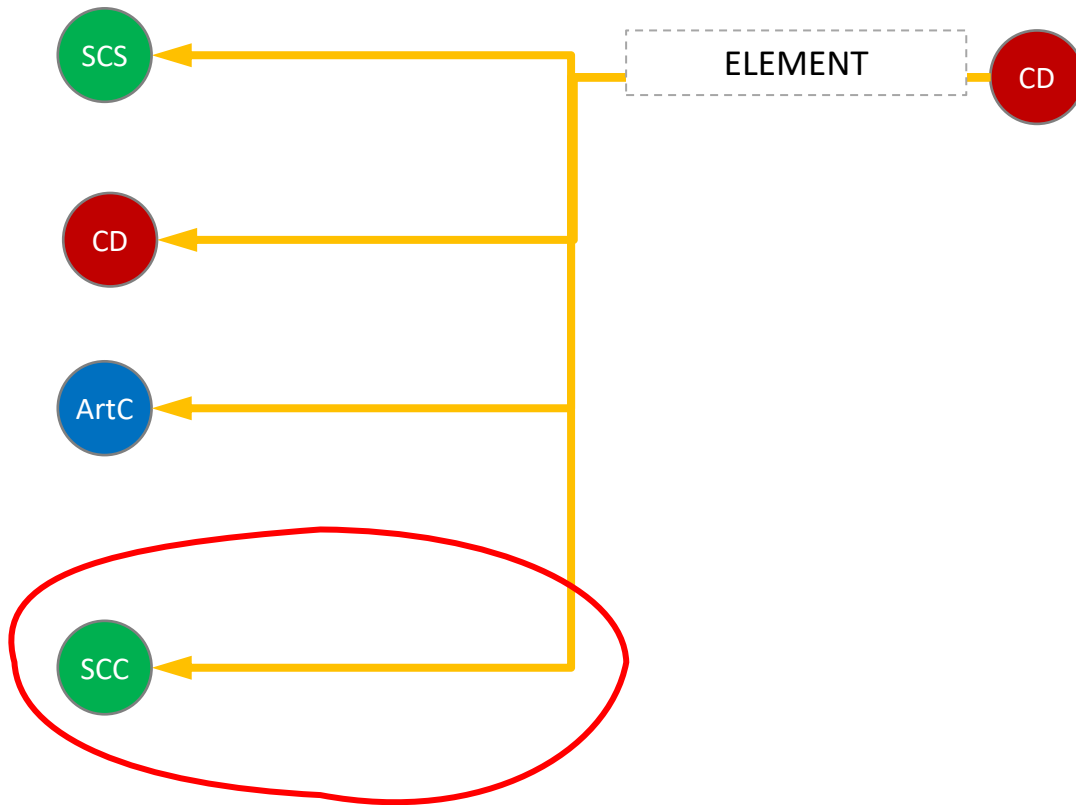
- SCC added as valid ELEMENT link target in CD →□
- Optional name qualifier added to ArtP.locations →□

## Documentation

- Created [Glossary](#) →□
- Misc. corrections & updates

[Full diff](#)

# SCC added as valid ELEMENT link target in CD



Optional name qualifier added to  
ArtP.locations

<https://github.com/eiffel-community/eiffel/blob/master/eiffel-vocabulary/EiffelArtifactPublishedEvent.md#datalocationsname>

# Eiffel Glossary

<https://github.com/eiffel-community/eiffel/blob/master/eiffel-syntax-and-usage/glossary.md>

# Lyon Edition updates

*September 2021 (?)*

## Event Definitions

- Add {mediaType, tags} to data.{liveLogs, persistentLogs} →□
- Add RUNTIME\_ENVIRONMENT link type to ED →□
- Add domainId to links objects →□

## Documentation

- Clarified naming convention for link types →□

[Full diff](#)



# Add {mediaType, tags} to data.{liveLogs, persistentLogs}

All events that contain log locations (ActF, ActS, TCF, TCS, TSF, TSS) get new mediaType and tags member in data.liveLogs or data.persistentLogs that contains more information about the log.

```
|| "data": [{  
||   ...  
||   "liveLogs": [{  
||     "name": "My test log",  
||     "mediaType": "text/plain",  
||     "tags": ["plain"],  
||     "uri": file:///tmp/logs.data.log  
||   }]  
|| }]
```

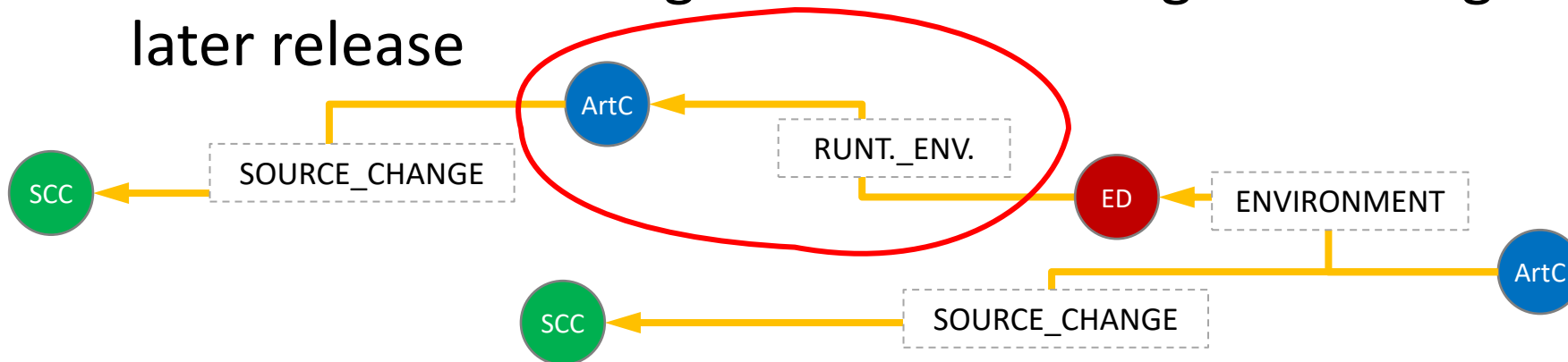
# Add RUNTIME\_ENVIRONMENT link type to ED

Complement data.image with **RUNTIME\_ENVIRONMENT** link in Eiffel**EnvironmentDefinedEvent**

Legal targets: ArtC and CD

Adds the possibility to include environment definitions in the event graphs (DAGs)

The use of data.image is now discouraged and might be deprecated in a later release



# Add domainId to links objects

```
"links": [{  
  "type": "CAUSE",  
  "target": "a3bf3f06-a0e0-4595-a117-3393c178eb81",  
  "domainId": "com.example"  
}]
```

domainId is an optional property in the links object

It points out the id of the [domain](#) where the target event was published (i.e., its *meta.source.domainId* member)

The absence of a domain id means that the target event was sent in, or can at least be retrieved from, the same domain as the current event

## Domain

Infrastructure  
topological concept

Can be used as  
namespaces

Optionally specified as  
*meta.source.domainId*

# Naming convention for link types

## Link types are nouns

Link types shall have names that fit the pattern "<target event> is the <source event>'s <link type>", implying that they are nouns that describe the relationship between the source and the target event.

Examples:

- This source change (*SCC*) is the composition's (*CD*) *ELEMENT*
- This activity (*ActT*) is the test suite's (*TSS*) *CONTEXT*
- This environment (*ED*) is the artifact's (*ArtC*) *ENVIRONMENT*

# Future editions

None defined yet,  
but probably one more late this year  
or early next year

You're welcome to propose the content of those!

Questions?

