

The Knowledge Graph Conference 2024

May 6-10, 2024
Cornell Tech NYC

KGC

The
Knowledge
Graph
Conference

"It's Where the Experts Gather"

The Ontologist Corner

A session for working
ontologies

Submission deadline: April 12, 2024
Notification: April 24, 2024

<https://event.linkedvocabs.org>

When: Tuesday May 7th
Hour: 13h 30 – 15h
Where: Cornell Tech NYC

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"It's Where the Experts Gather"

"The Ontologist Corner" Session

Chair: Ghislain ATEMEZING, PhD (ERA)

Ontology vs Ontolog-ist!

An Ontology is..

a “*formal, explicit representation of a shared conceptualization*” – Tom Grüber

“defines the concepts and relationships used to describe and represent an area of interest” –

[W3C Data on the Web BP](#)

a “*formal representation of knowledge within a specific domain*” – Jorie.Al

“*essentially a structured way to represent knowledge about a particular domain*” –

ChatGPT 3.5

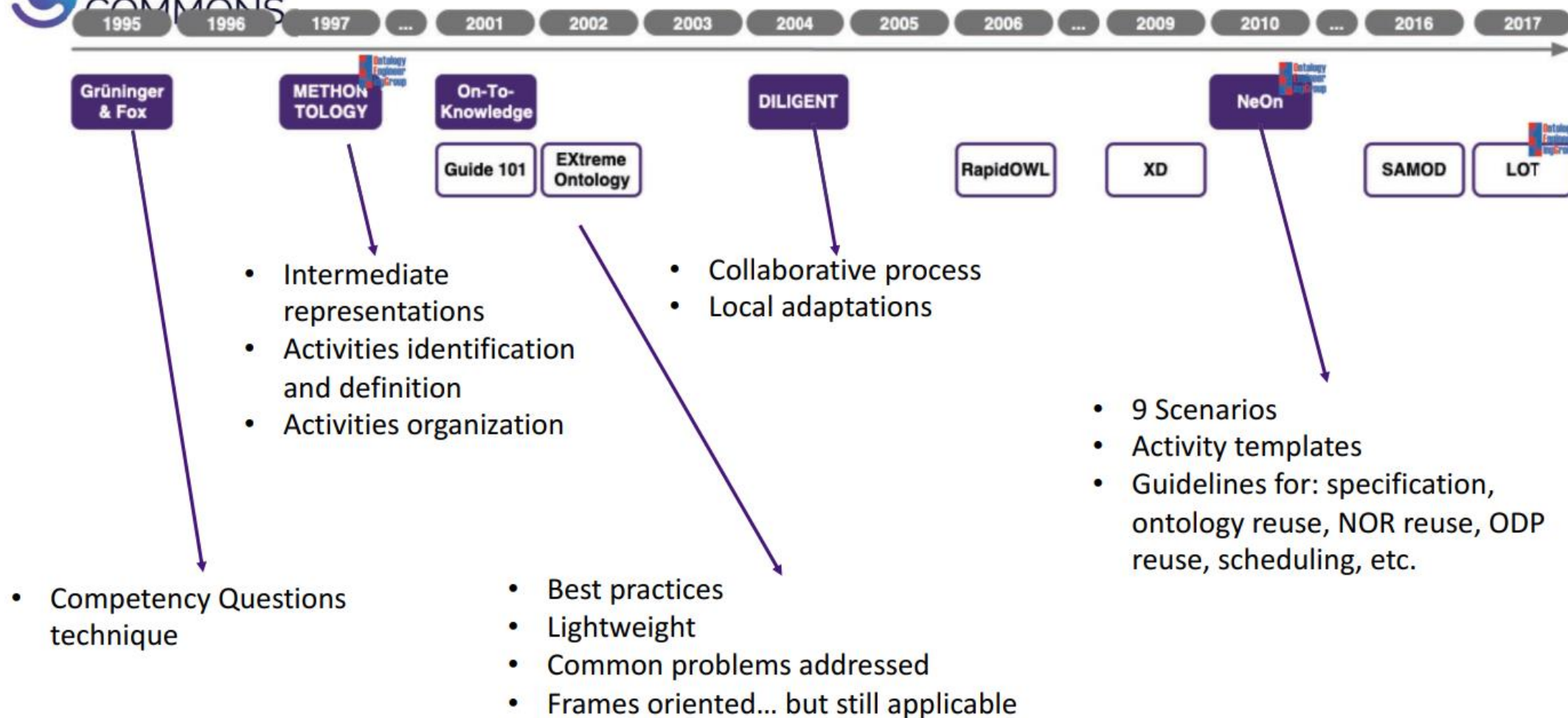
An ontologist:

- Design and develop ontologies using Web Ontology Language (OWL)
- Maintain and keep the ontology up-to-date
- Collaborate with domain experts
- Make sure the Knowledge Graph generated follows the ontology
- ...

Presentations

- Dragos PATRU, ERA “ERA Ontology to solve data silos in railways domain” (15 min)
- Veronika HEIMSBARK, Capgemini (10 min)
- Peter HAASE, Metaphacts (10 min)

Some Ontology Development Methodologies



Panel Session (I)

- In your company, do you have a collaborative way of creating and maintaining ontologies? Please, describe how it works.
- What are the steps you follow to build the ontologies? Do you follow any methodology in building ontologies from scratch to final version?
- How is the interaction of the ontologists with the rest of the people working on a KG project?
- Are they always aware of what are the outcome of the final product?
- We hear sometimes that ontologists' skills are hard to find. Where do you look for new talents in your team? Or what skills do you expect from an Ontologist?

Panel Session (II)

- How do you see the evolution of an Ontologist in this new era of GenAI?
- Do you imagine a good KG without a good ontology? How to involve domain experts in building ontologies?
- Do you apply any methods for finding and evaluating external ontologies?
- How to involve domain experts in building ontologies and agreeing upon terms and definitions.

Thank you!!

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JOIN US!

Thank you for your participation!!

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