Queries

- Given a particular Execution, retrieve the pertaining ComputerModel
- Given some InstantiationAttributeOutput retrieve all related CodeFile

Mutually disjoint classes: Attribute, ComputationalModel, Algorithm, CodeCollection, CodeFile, ExecutableCollection, ExectuableFile, Execution, AttributeInstantiation.

Attribute Attribute instantiation	(1)
InputAttribute ⊑ Attribute	(2)
OutputAttribute	(3)
ComputationalObservation ☐ OutputAttributeInstantiation	(4)
OutputAttributeInstantiation AttributeInstantiation	(5)
InputAttributeInstantiation AttributeInstantiation	(6)
ComputationalModel ⊑ ∃hasInputAttribute.InputAttribute	(7)
ComputationalModel ⊑ ∃hasOutputAttribute.OutputAttribute	(8)
Execution $\sqsubseteq \exists$ hasInputAttributeInstantiation.InputAttributeInstantiation	(9)
$\textbf{Execution} \sqsubseteq \exists \textbf{hasOutputAttributeInstantiation.OutputAttributeInstantiati}$	
	(10)
Execution $\sqsubseteq \geq 0$ has Start Time. Start Time	(11)
Execution $\sqsubseteq \geq 0$ has EndTime. EndTime	(12)
Execution $\sqsubseteq \geq 0$ occurredAtMachine.Machine	(13)
Execution $\sqsubseteq \geq 0 \dots$	(14)
Execution ⊑≤ 1isExecutionOf.ExecutableCollection	(15)
Execution $\sqsubseteq \le 1$ is Realization Of. Code Collection	(16)
${\sf ExecutableCollection} \sqsubseteq \leq 1 \\ {\sf wasCompiledFrom.CodeCollection}$	(17)
$wasCompiledFrom^- \sqsubseteq isCompiledInto$	(18)
isExecutionOf ∘ wasCompiledFromisRealizationOf	(19)