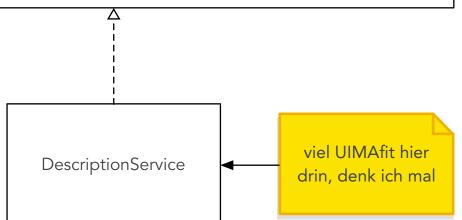
## <<interface>> IDescriptionService

- + setParameterValue(Description, key, value)
- + getParameterValue(Description, key): value
- + setExternalResourceDescription(Description, ExternalResourceDescription)
- + getExternalResourceDescription(Description, key): ExternalResourceDescription
- + setCapabilities(Description, Capability)
- + getCapabilities(Description): Capability[]
- + createCPE(PipelineDescriptors): CpeDescription



## Pipeline Descriptors

- + name
- + reader: CollectionReader
- + annotators: List<AnalysisEngineDescription>
- + get...() andy set...()
- + add(AnalysisEngineDescription)

## **ComponentDescription**

- + type: reader, ae, consumer
- + name
- + version
- + ...

## einfach nur ein Objekt für das JSON Format,

das wir ja schon haben

+ downloadArtifacts(File downloadDirectory, ComponentMetaInformation... metaInf)+ getDescription(ComponentMetaInformation): CollectionReaderDescription, AeDesc

+ loadComponentMetaInformation(URI... locations): List<ComponentMetaInformation>

<<interface>>

**IComponentMetaInformationService** 

ComponentMetaInformationService