

1. Modeling Domain Analysis (Second Version)

Concept	Explicit Definition	Intrinsic Properties	Extrinsic Properties
Curriculum Vitae	Generic CV with a reference to the person it portrays .		One Person
Person	The center concept the metamodel revolves around with, since the CV characterizes a person. This concept has many extrinsic properties that add to the characterization.	full_name: String date_of_birth: Date phone_number: Integer Long home_address: String description: String	Arbitrary number of Citation Names; Arbitrary number of Websites; Arbitrary number of idioms; Arbitrary number of Degrees; Arbitrary number of Projects; Arbitrary number of Affiliation Fields; Arbitrary number of Distinction Types; Arbitrary number of Activity Types; Arbitrary number of Technologies.
Citation Name	One of the citation names of the person which is represented in the CV.	name: String	
Website	Website URL relevant for the person's CV.	url: String	
Idiom	Concept for the idioms that are known by the person with attributes which identify the person's different qualifications on it, according to the CEFR six-point scale (A1 up to C2). There is also an attribute identifying the mother language of a person.	language: String speaking_qual: String (*) reading_qual: String (*) writing_qual: String (*) listening_qual: String (*) native_lang: Boolean	
Degree	Concept for the different degrees of a person.	institution: String degree_name: String start: Date end: Date	Arbitrary number of Projects.
Project	Concept for the projects in which a person has participated, that can be connected to a degree or just to the person.	name: String description: String	
Affiliation	Affiliation concept that represents different roles in different institutions that the person has been employed in.	role: String employer: String host_institution: String start: Date end: Date	
Affiliation Field	Affiliation field concept which can have many affiliations of the same field referenced.	field: String	Arbitrary number of Affiliations

Distinction	Person distinctions.	name : String date : Date	
Distinction Type	Distinction type concept which can have many distinctions of the same type referenced.	type : String	Arbitrary number of Distinctions
Activity	Activity a person has participated in.	role name : String description : String	
Activity Type	Activity type concept which can have many activities of the same type referenced.	type : String	Arbitrary number of Activities
Technology	Technologies a person has used and has some proficiency (1 to 5 scale) in.	name : String proficiency : Integer (*)	

* - OCL Constraints applied on these attributes

** - New elements underlined and eliminated ones crossed out