

What is "define the concepts"?

health record → **definition, contents**

EHR = Electronic Health Record → **abbreviation**

certificate → **definition, rules**

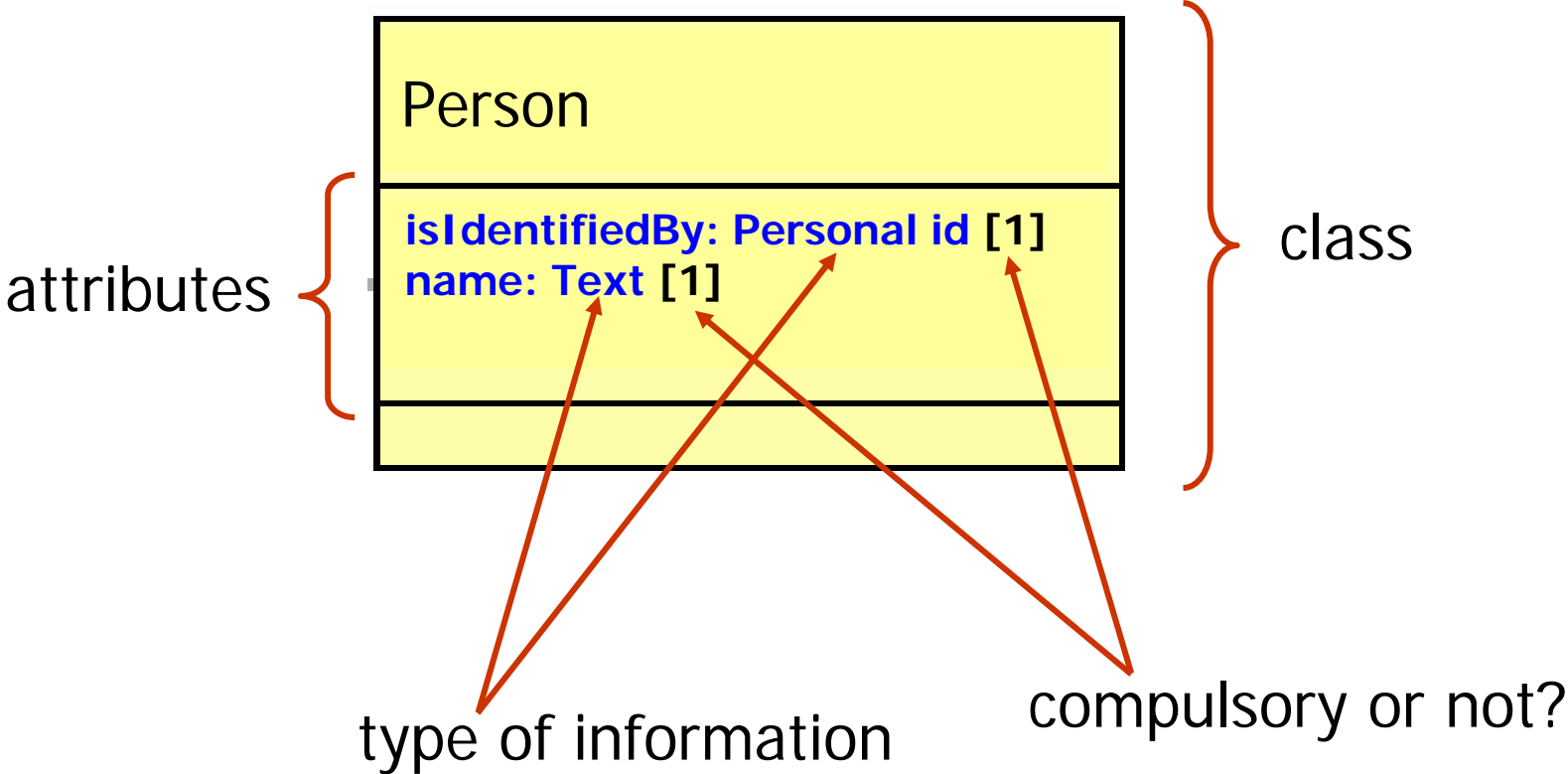
person → **information**

date → **structure**

document type → **classification**

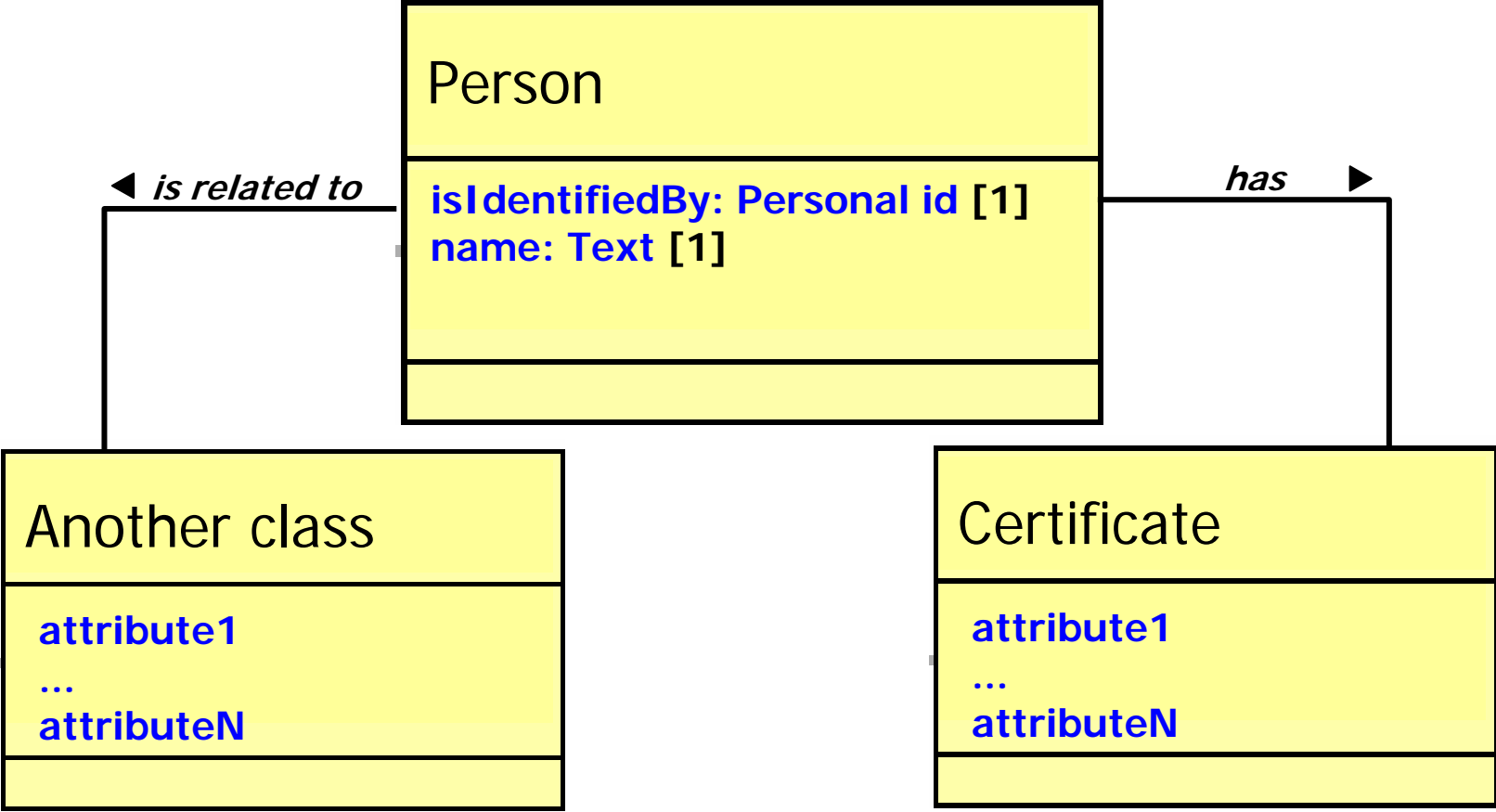
Information modelling

person



Information modelling

person



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Terminology work

certificate

First question: What is a certificate (in information security)?

a document? an attestation?

a data unity? a file?

a piece of information?

**superordinate
concept**

Second question: How does a certificate differ from other attestations/documents/data unities/files/pieces of information?

**delimiting
characteristics**

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Definition

**superordinate
concept**

certificate

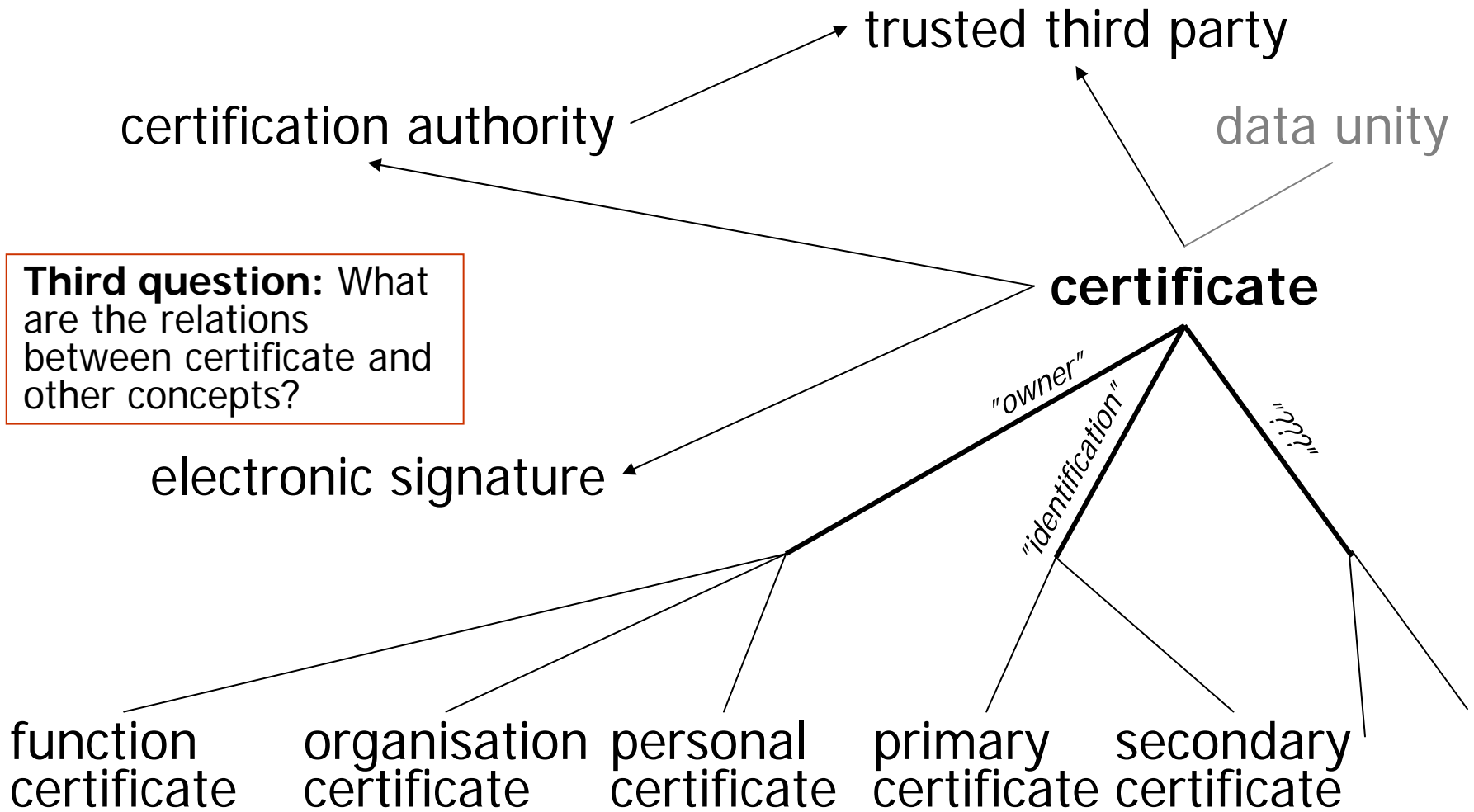
data unity signed electronically
by a *trusted third party* or
certification authority which
confirms that the identifier
used in an *electronic signature*
belongs to a specific person or
organization and is still valid

**delimiting
characteristics**

From: TSK 29 Matkaviestinsanasto = Mobilordlista (2001)

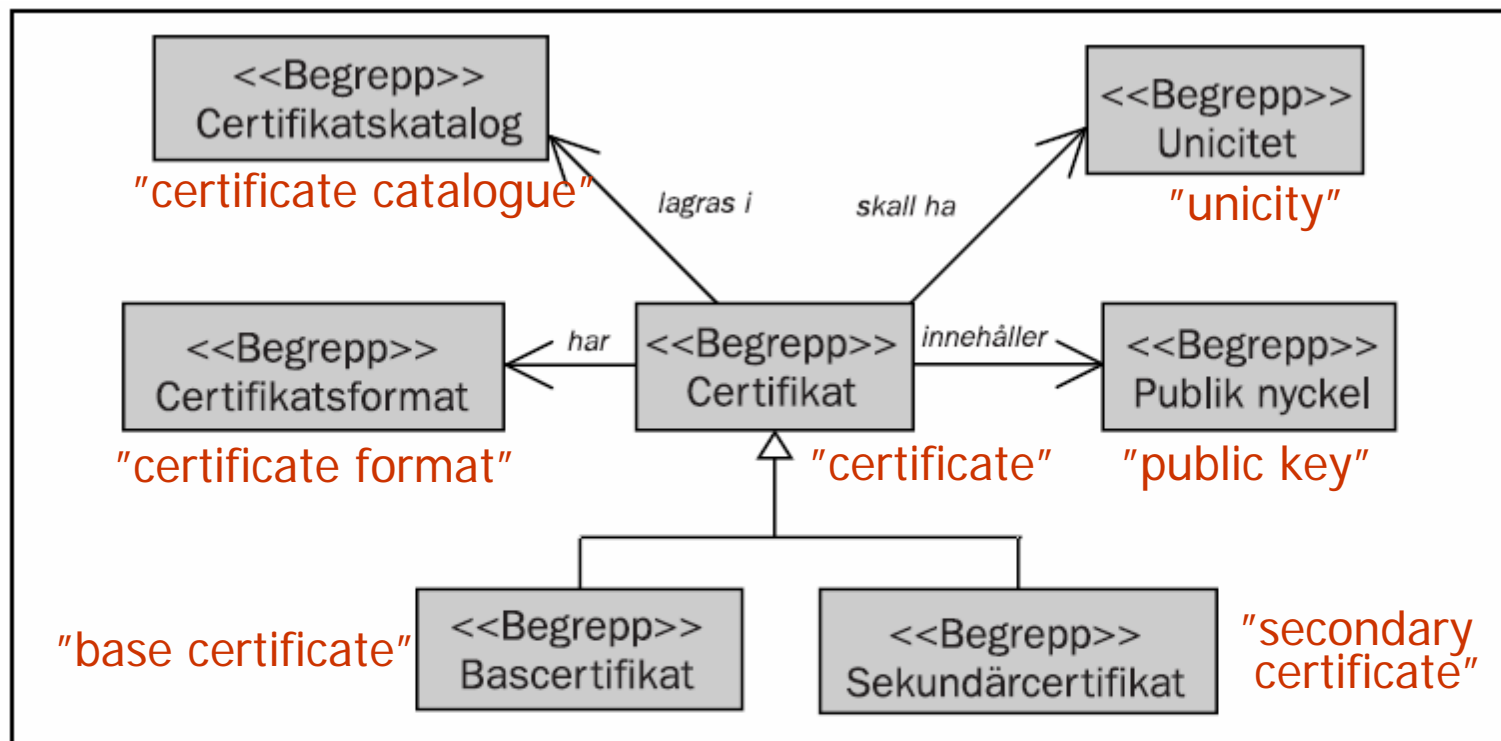
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Third question: What are the relations between certificate and other concepts?

Concept(ual) modelling



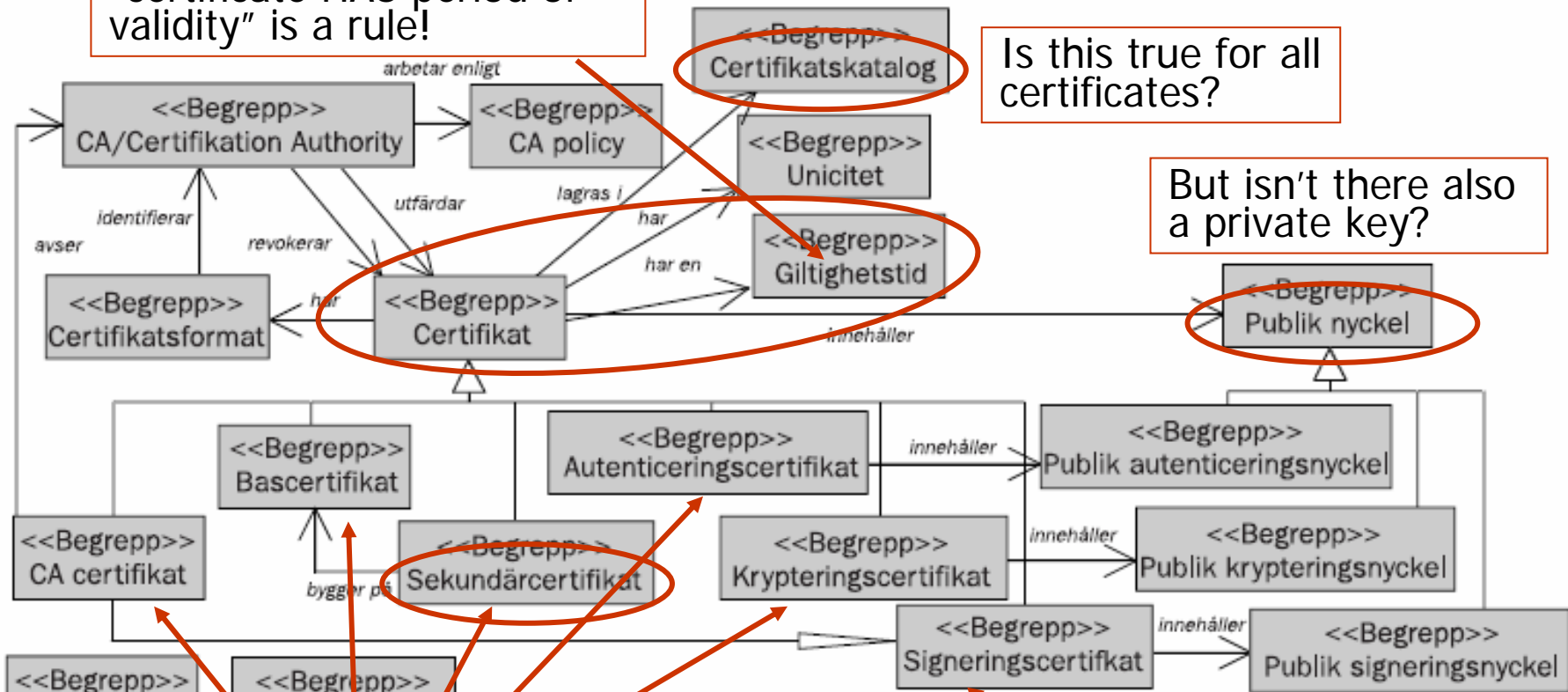
The diagram implies the following definition of **certificate**:

A **CERTIFICATE** has **CERTIFICATE FORMAT**, contains **PUBLIC KEY**, is stored in **CERTIFICATE CATALOGUE** and shall have **UNICITY**

From: www.carelink.se

Thoughts about relations

"certificate HAS period of validity" is a rule!



Is this true for all certificates?

But isn't there also a private key?

Subdivision criteria?

Isn't there also a primary certificate? The same as base certificate?

To sum up ...

Information modelling: information about concepts already known / defined

Terminology work: definitions to describe the concepts and their place in the concept system

Concept modelling: picture of concept relations in a business, but doesn't give sufficient details about the concepts

N.B. Valid for the kind of concept modelling shown here!