

<https://w3id.org/dpv>

# Data Privacy Vocabulary (DPV)

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<https://harshp.com/research>

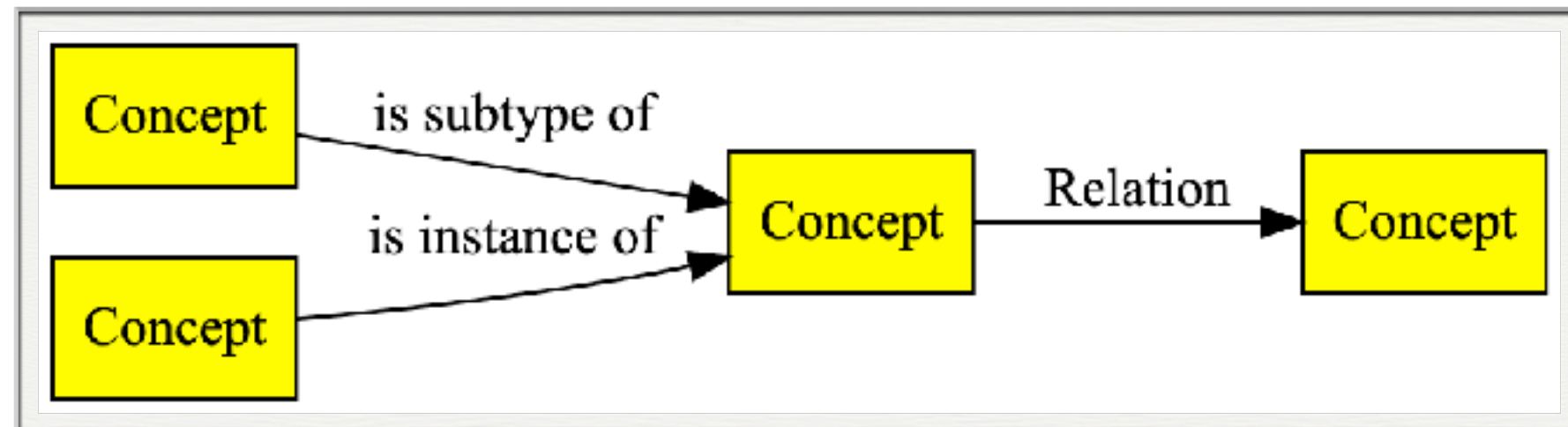


IRISH RESEARCH COUNCIL  
An Chomhairle um Thaighde in Éirinn

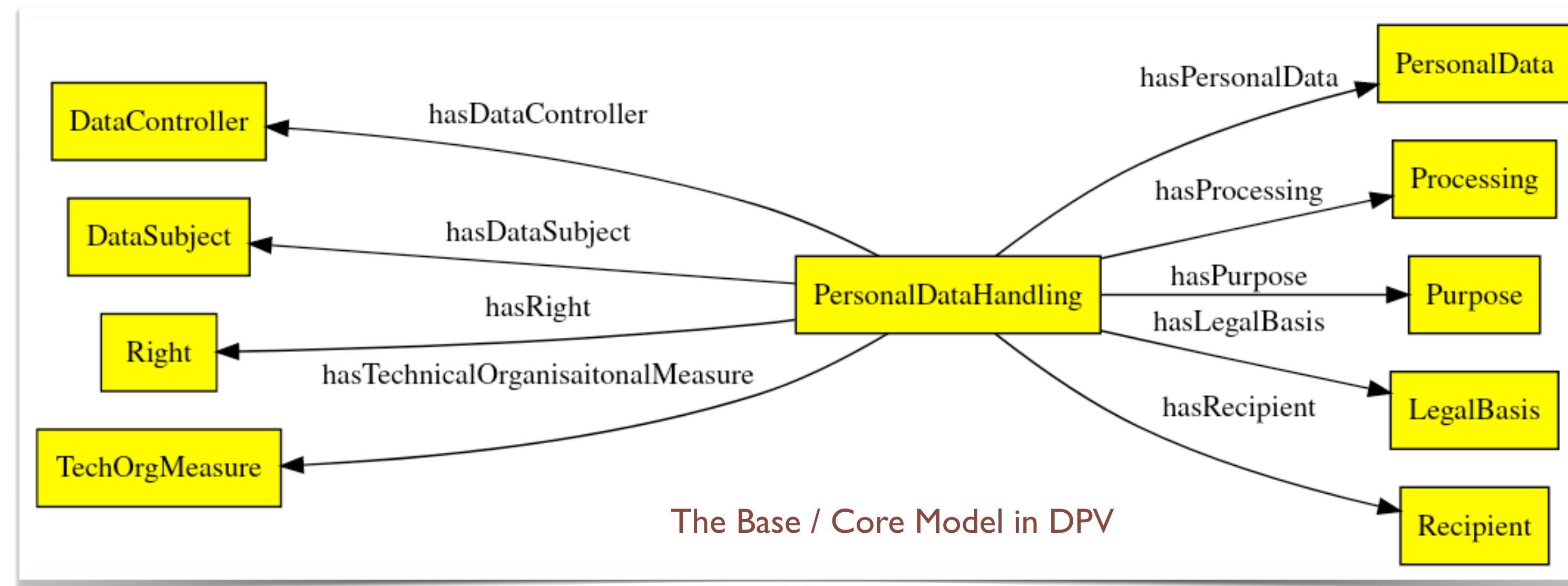
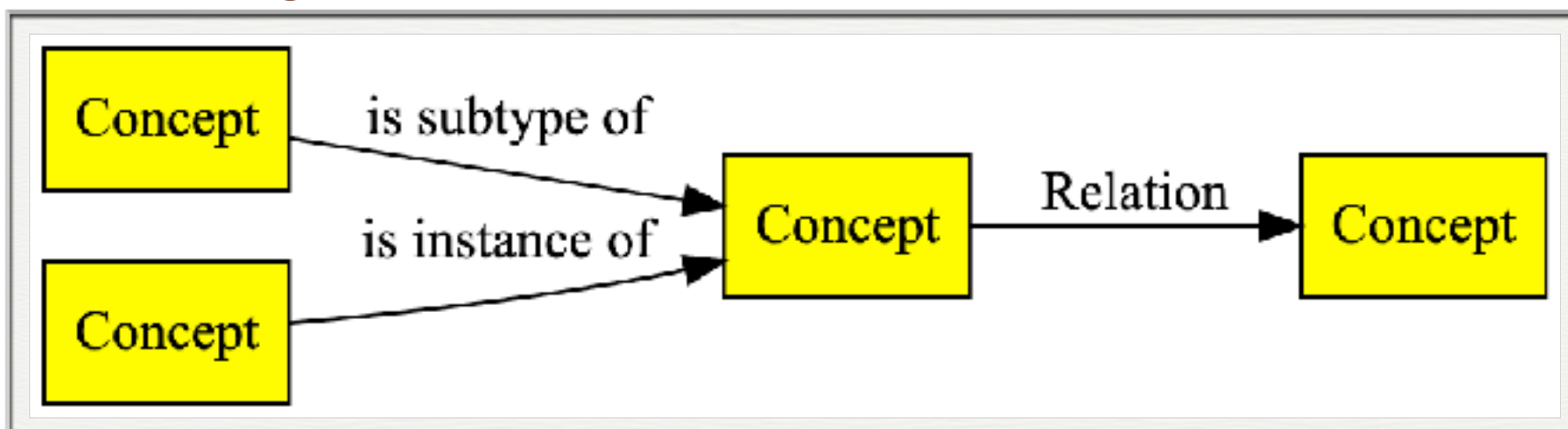


European  
Commission

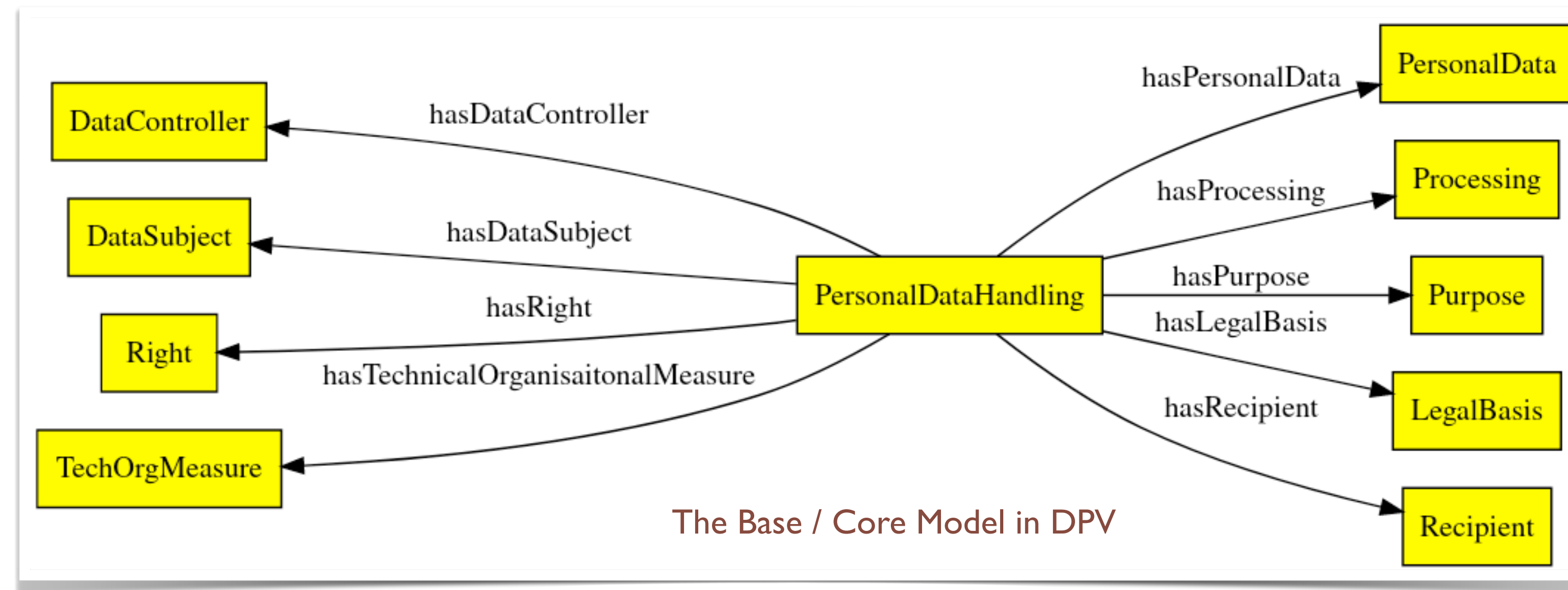
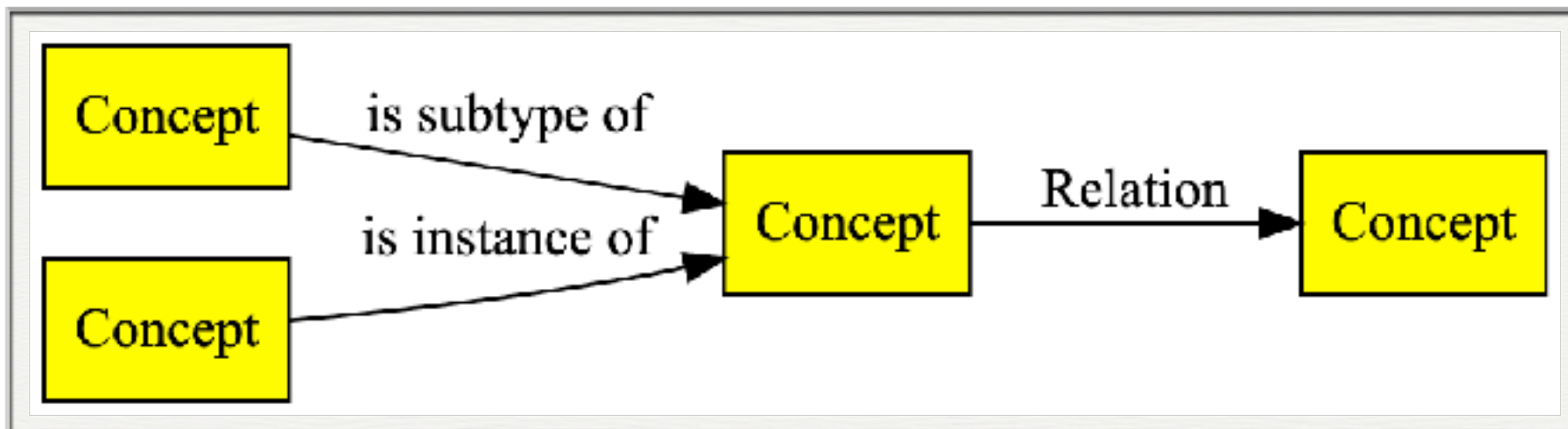
## Knowledge & Semantics



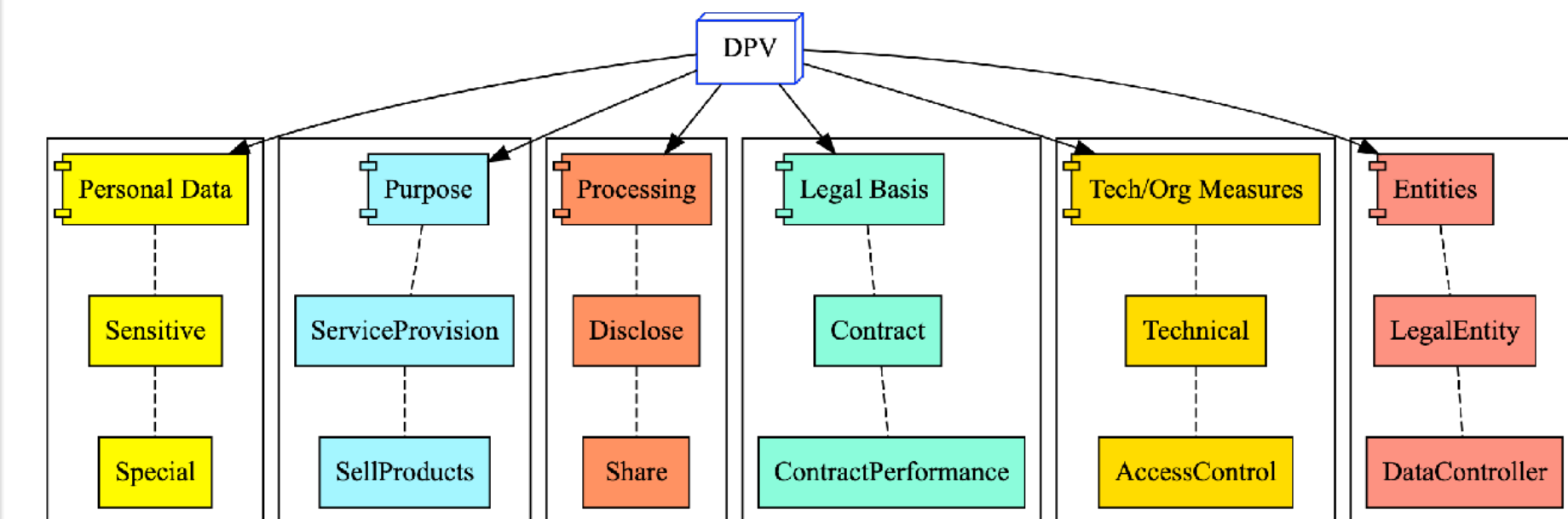
## Knowledge & Semantics



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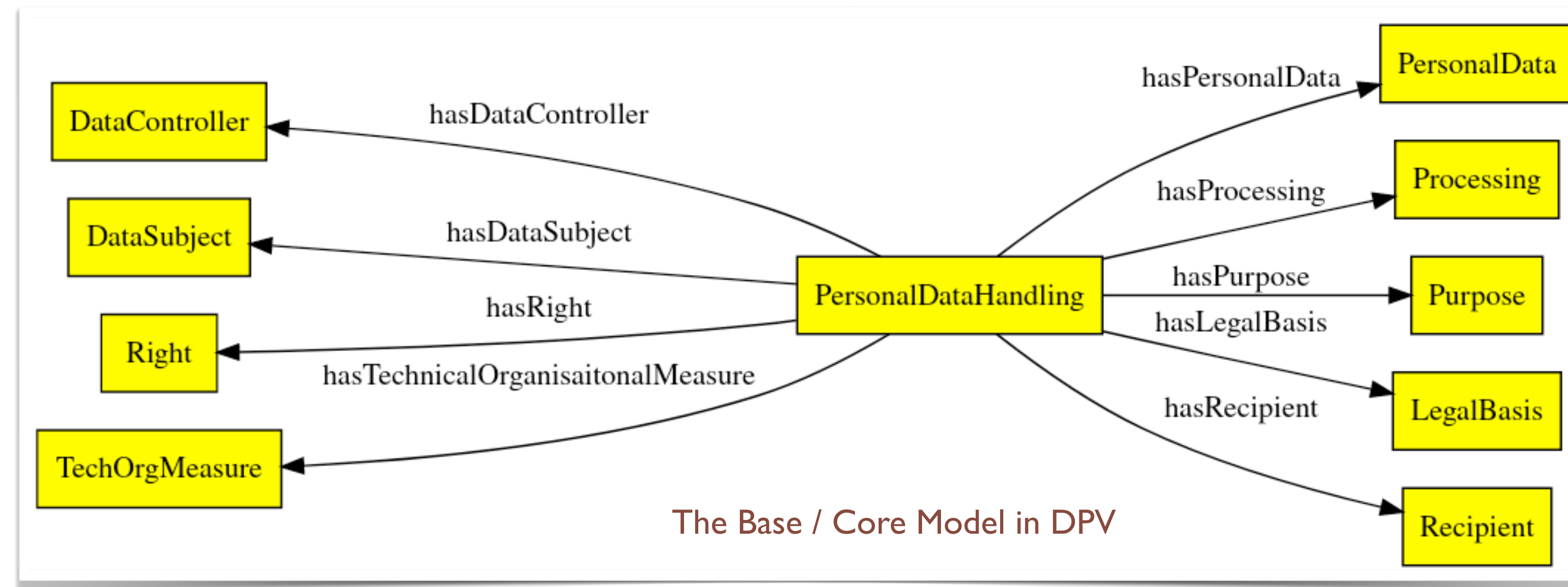
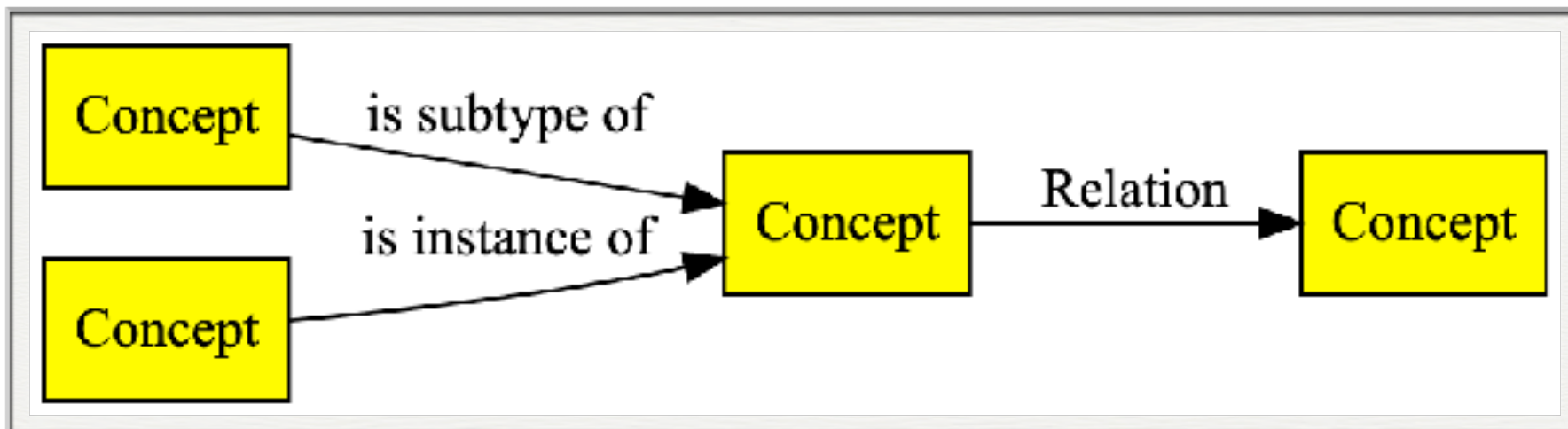


## Taxonomies for Core Concepts



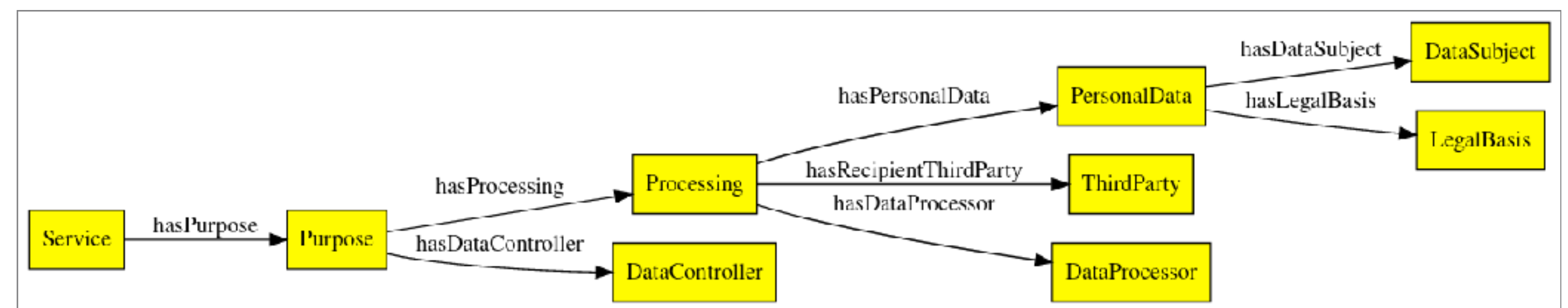
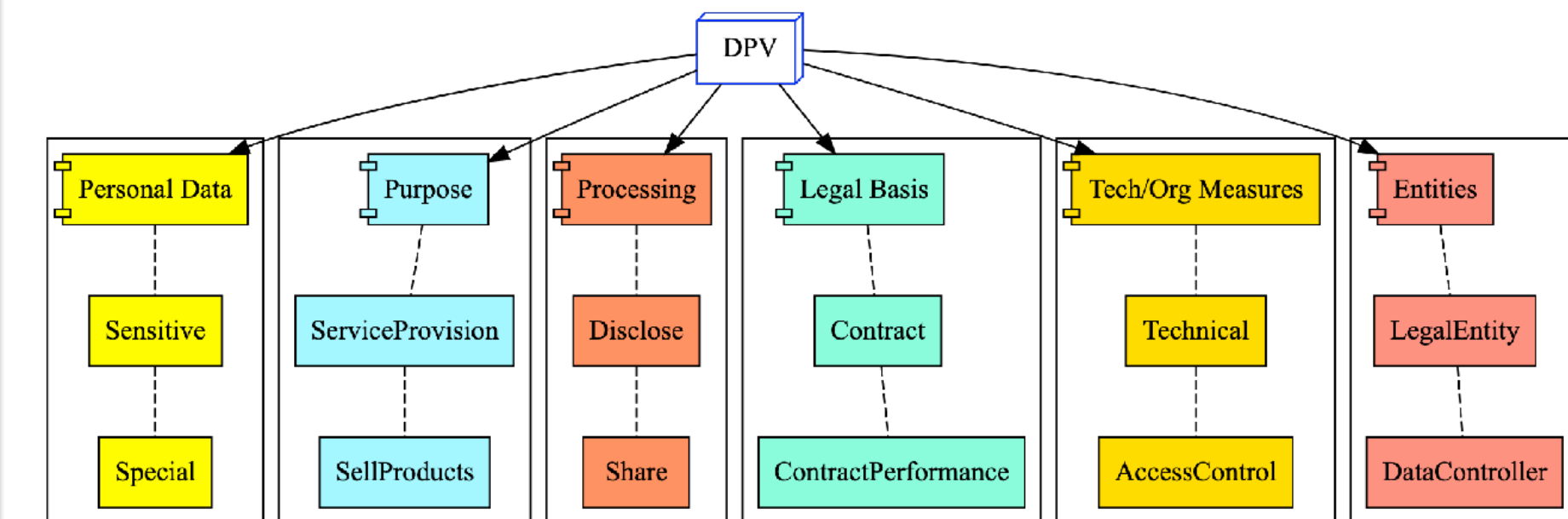


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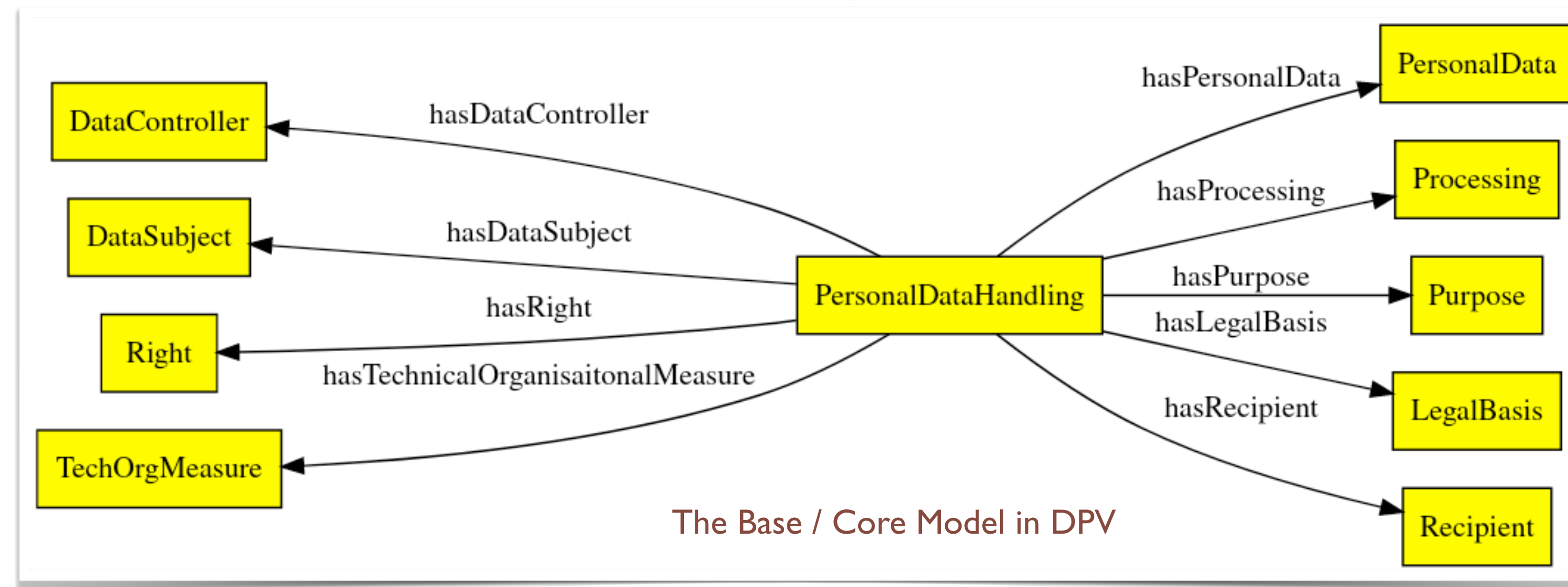
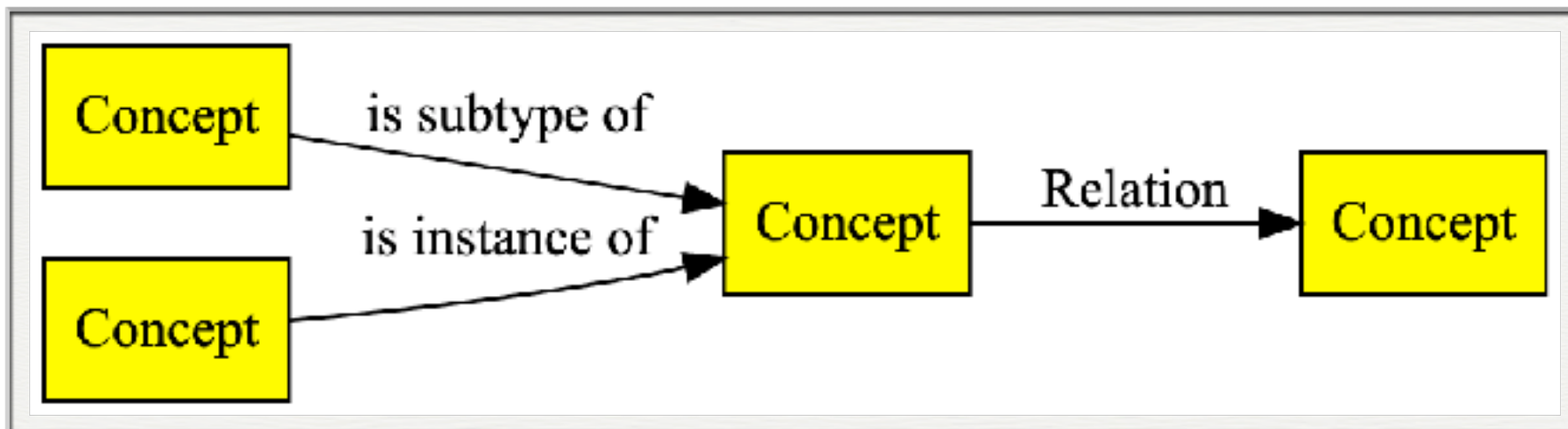
The Base / Core Model in DPV

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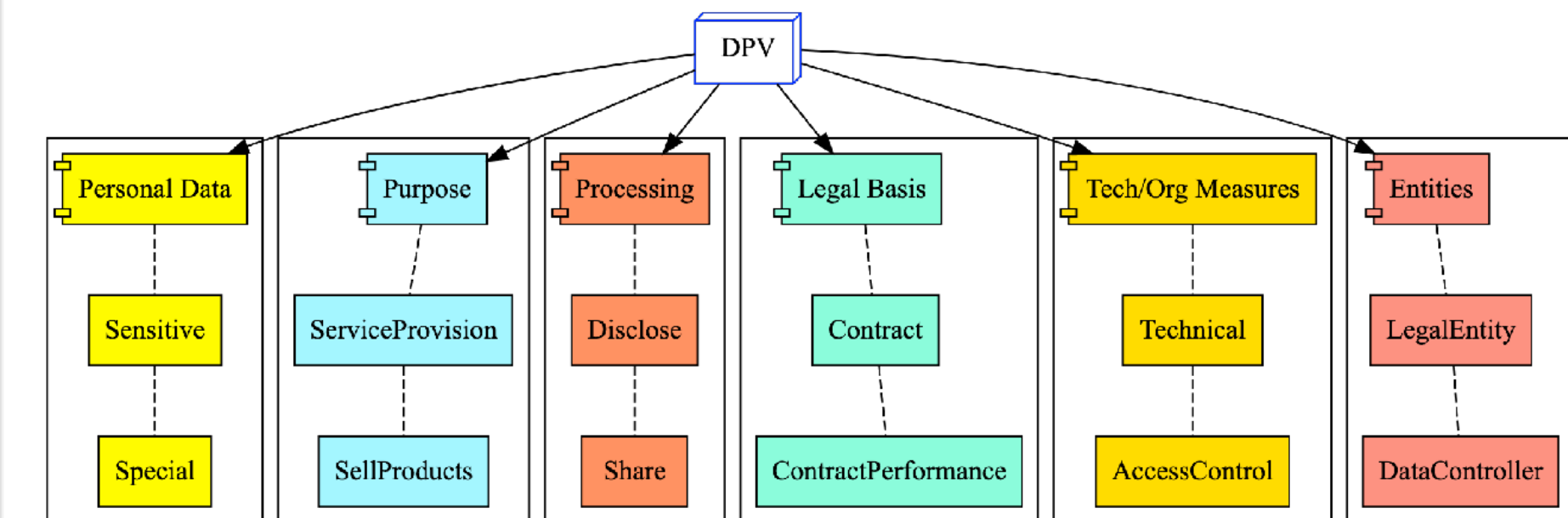


Alternate Models that suit YOUR use-cases

## Knowledge & Semantics



## Taxonomies for Core Concepts



## DPV-GDPR: GDPR Extension for DPV

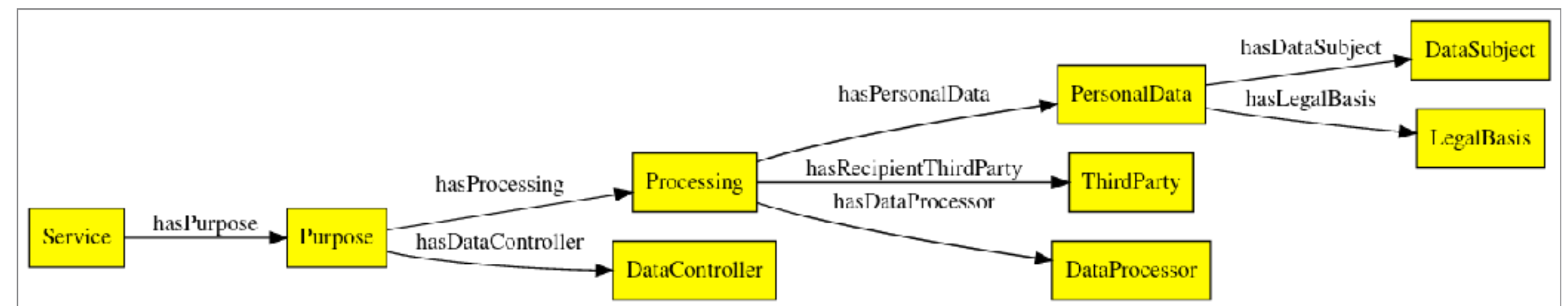
version 0.7

Draft Community Group Report 25 May 2022

Latest published version:

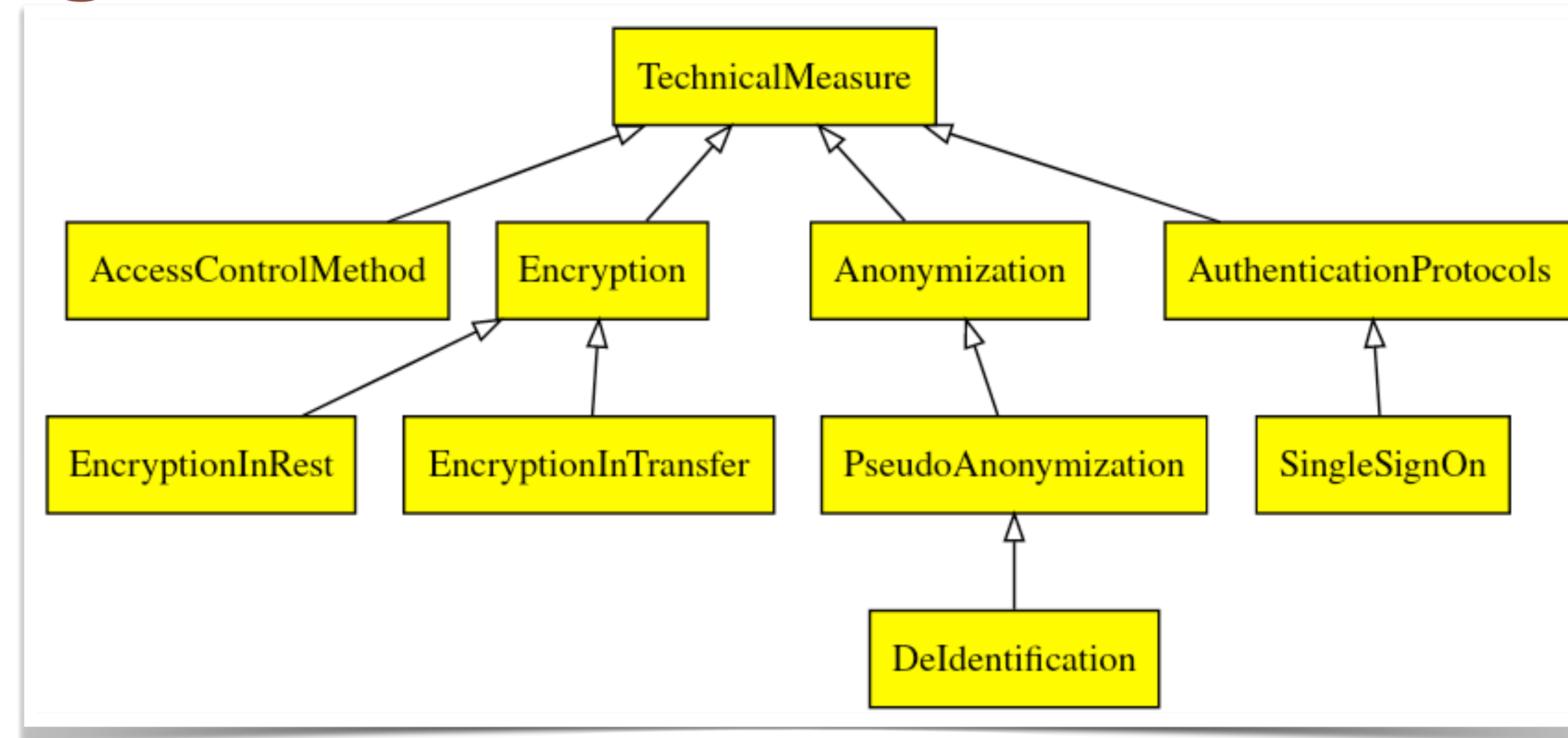
<https://w3id.org/dpv/dpv-gdpr>

Extend for Domains / Jurisdictions

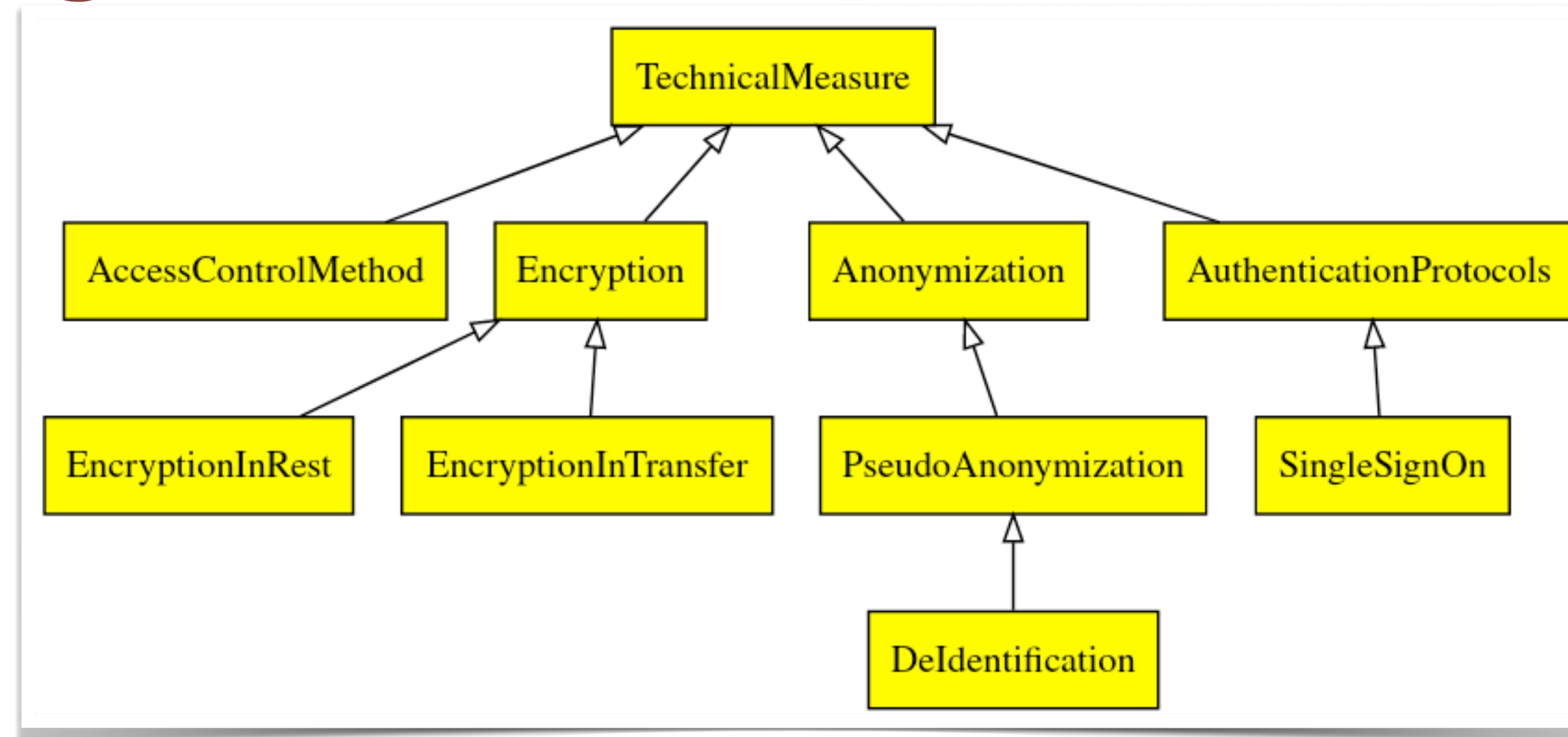


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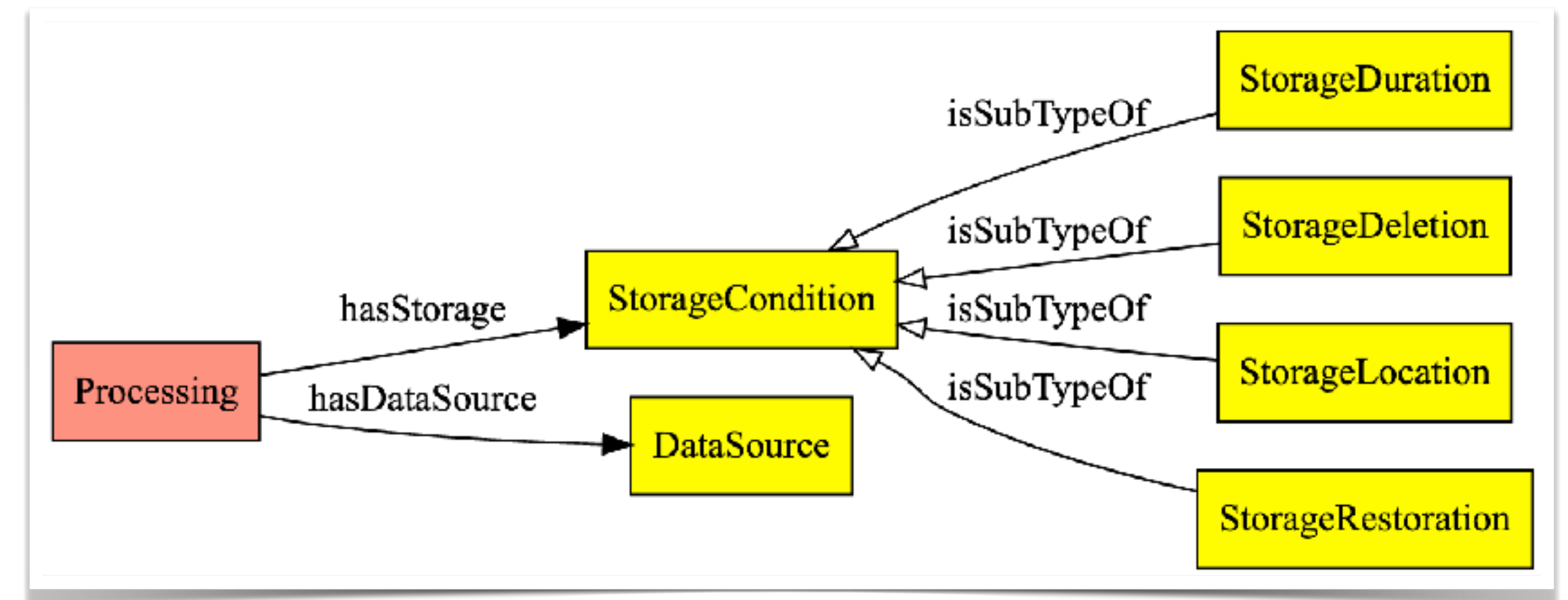
# Technical & Organisational Measures - How? Where?



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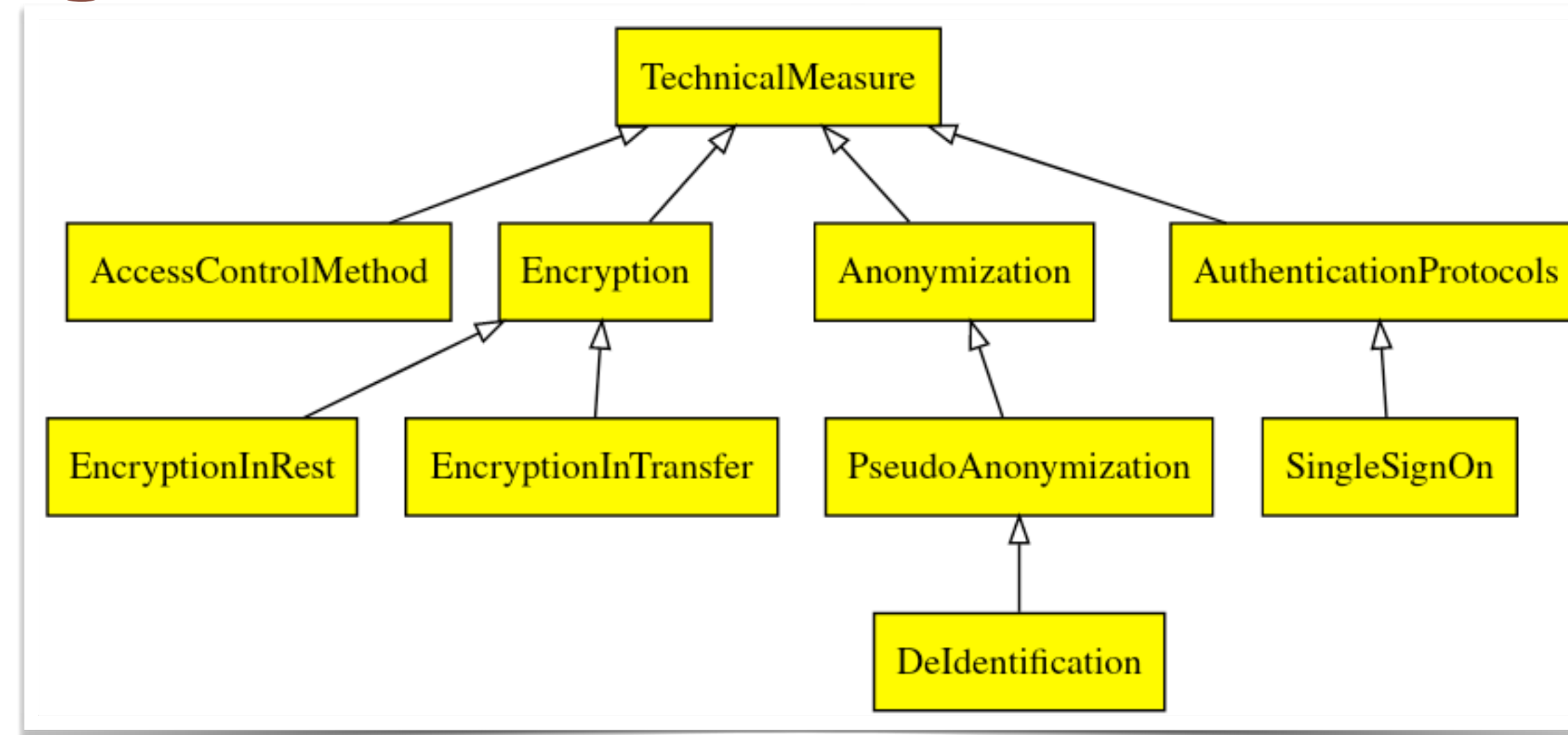


## Processing - How? Where?

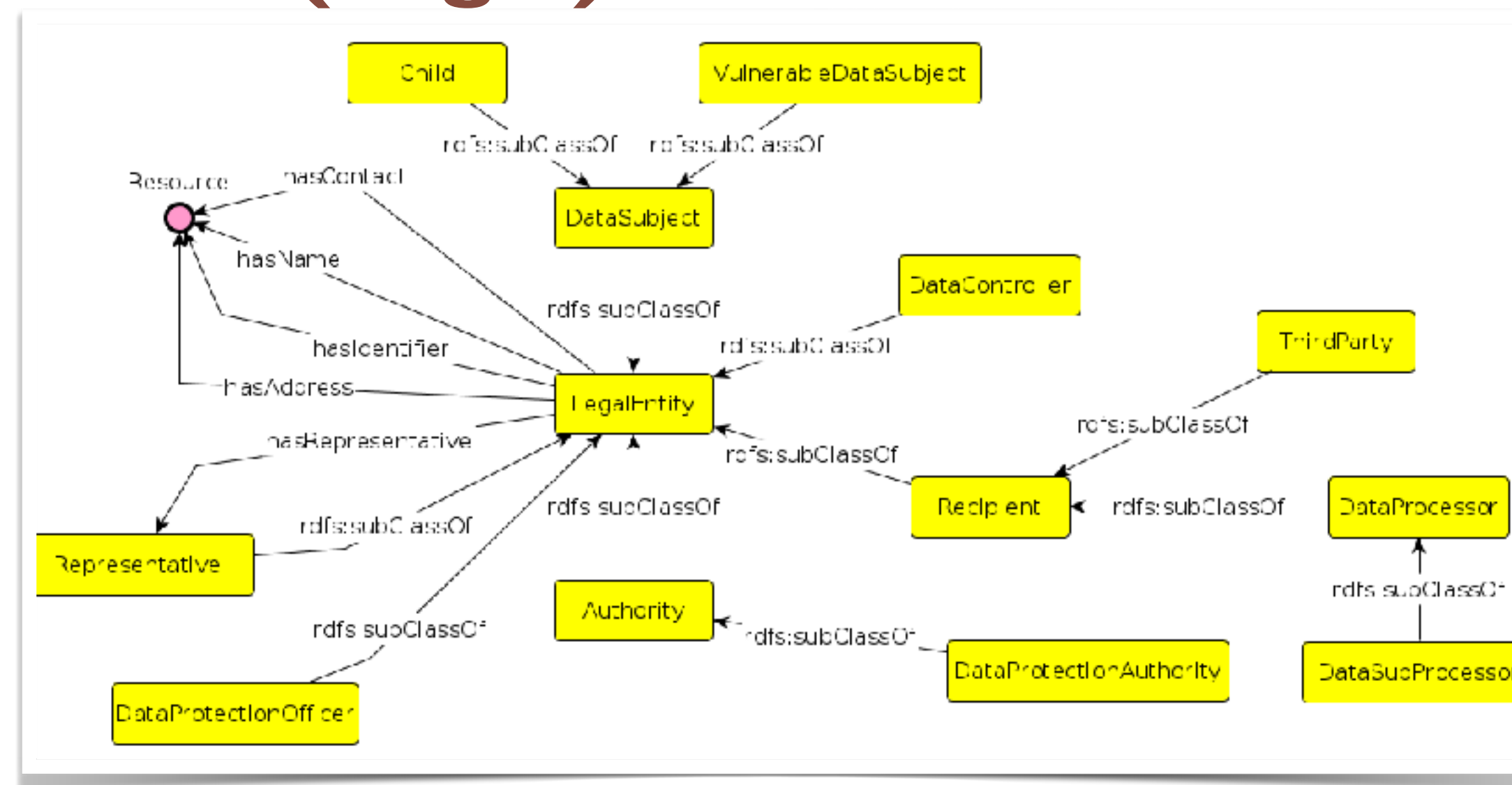




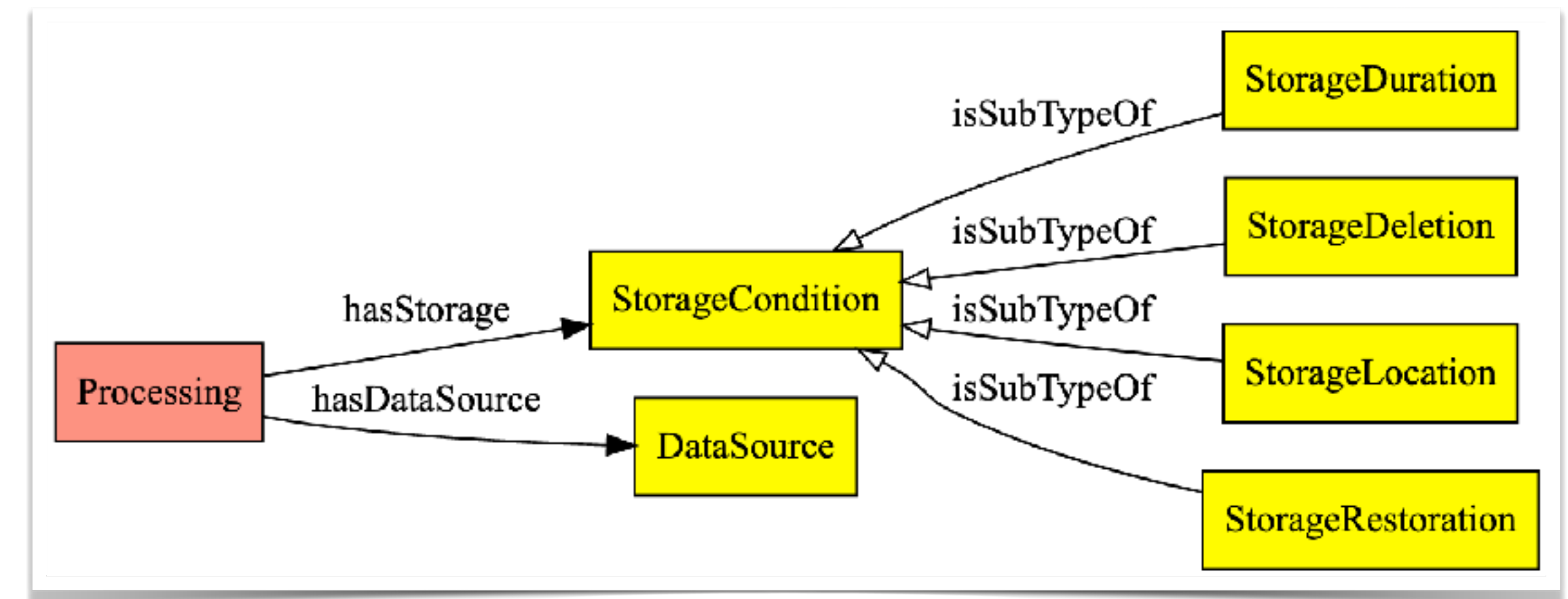
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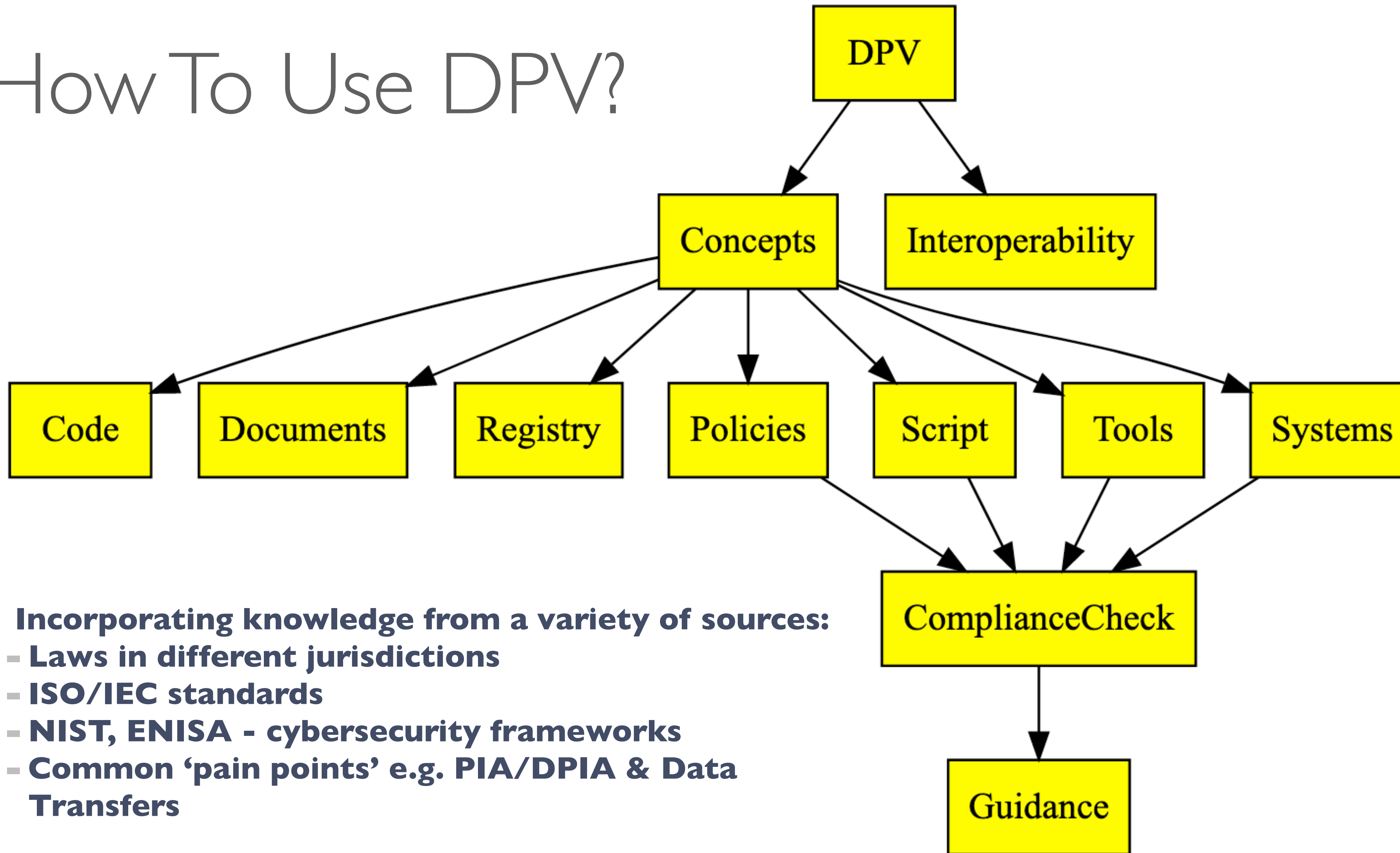
## (Legal) Entities - Who?



## Processing - How? Where?



# How To Use DPV?



**Incorporating knowledge from a variety of sources:**

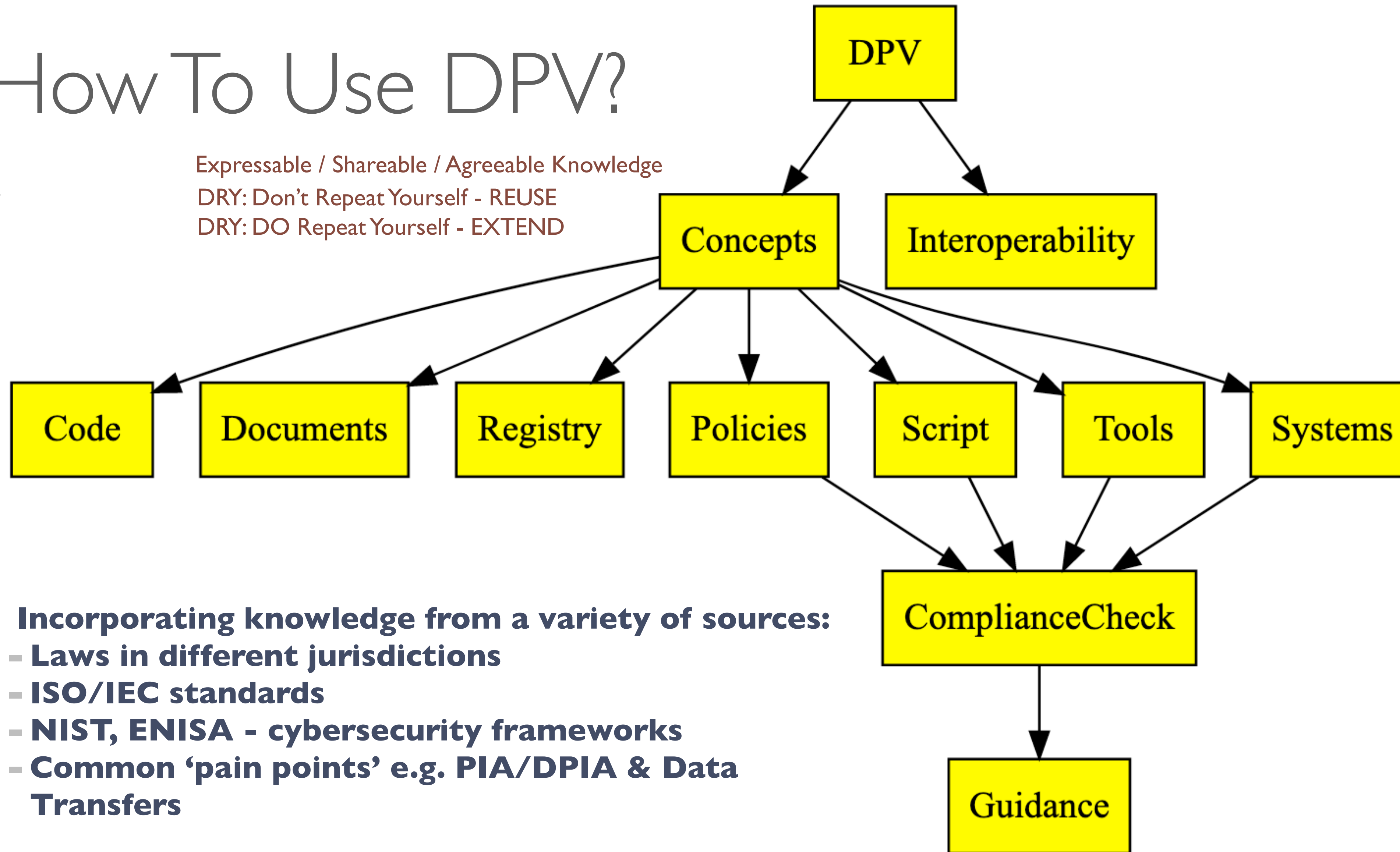
- **Laws in different jurisdictions**
- **ISO/IEC standards**
- **NIST, ENISA - cybersecurity frameworks**
- **Common ‘pain points’ e.g. PIA/DPIA & Data Transfers**

# How To Use DPV?

Expressable / Shareable / Agreeable Knowledge

DRY: Don't Repeat Yourself - REUSE

DRY: DO Repeat Yourself - EXTEND



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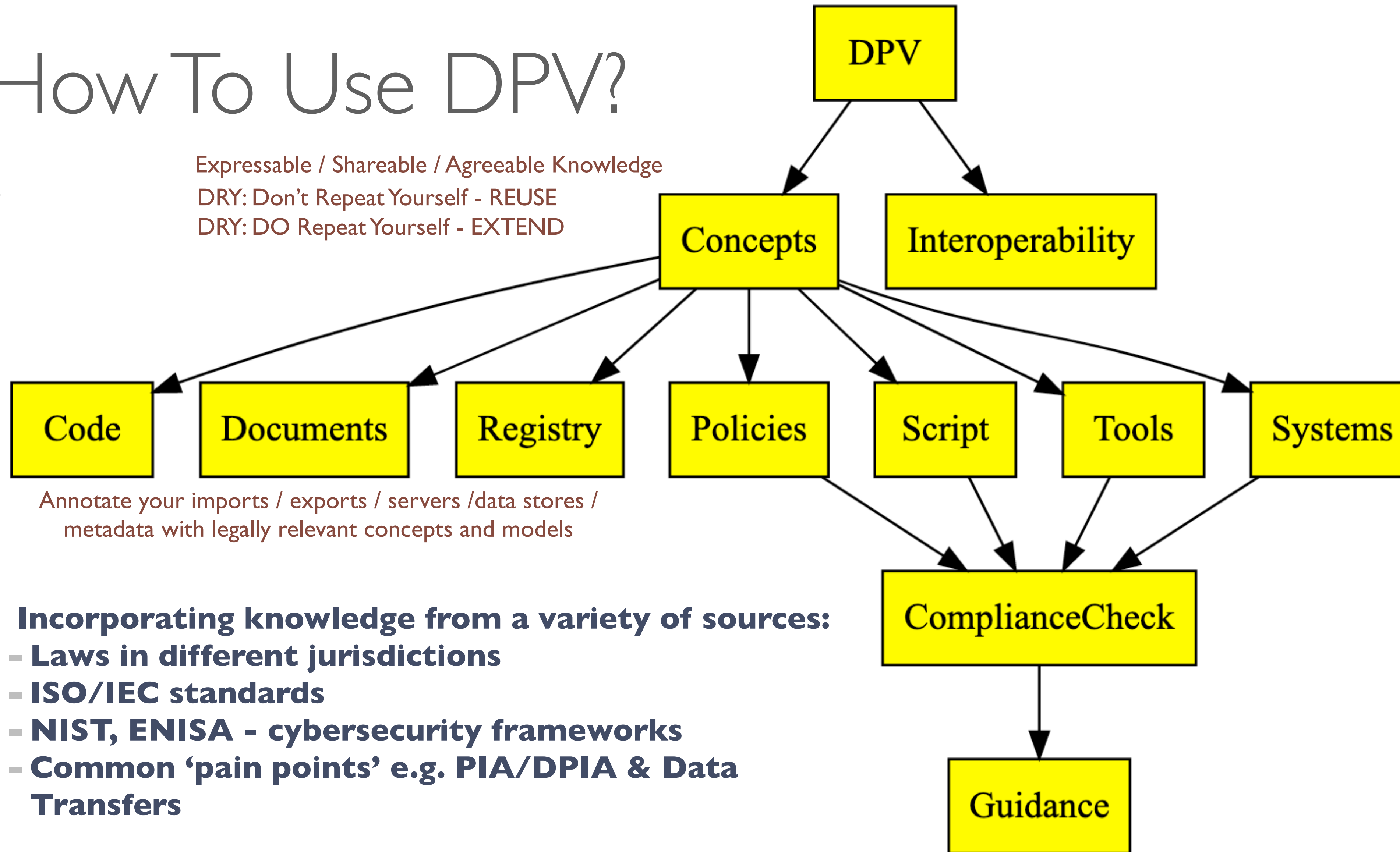
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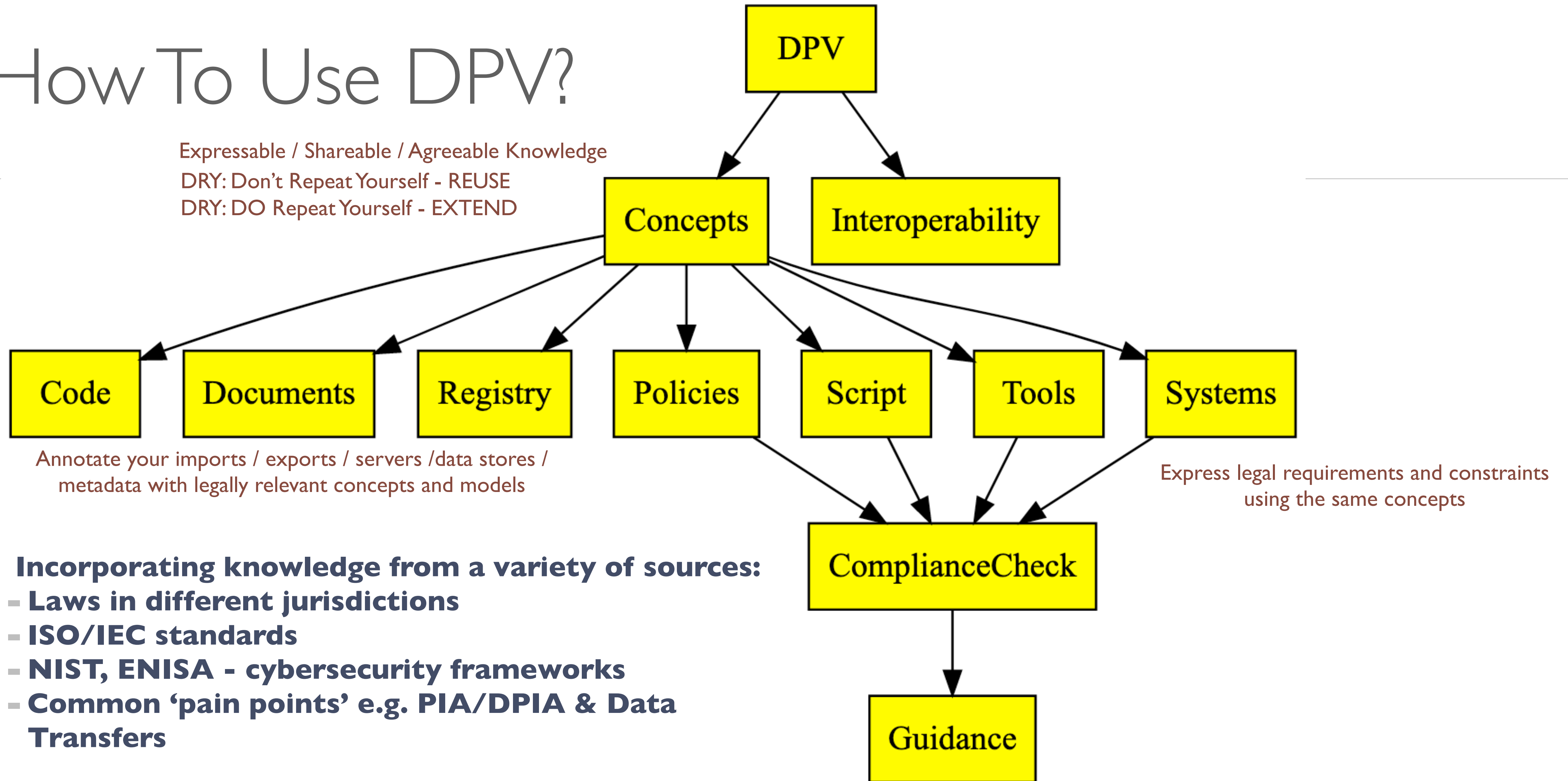


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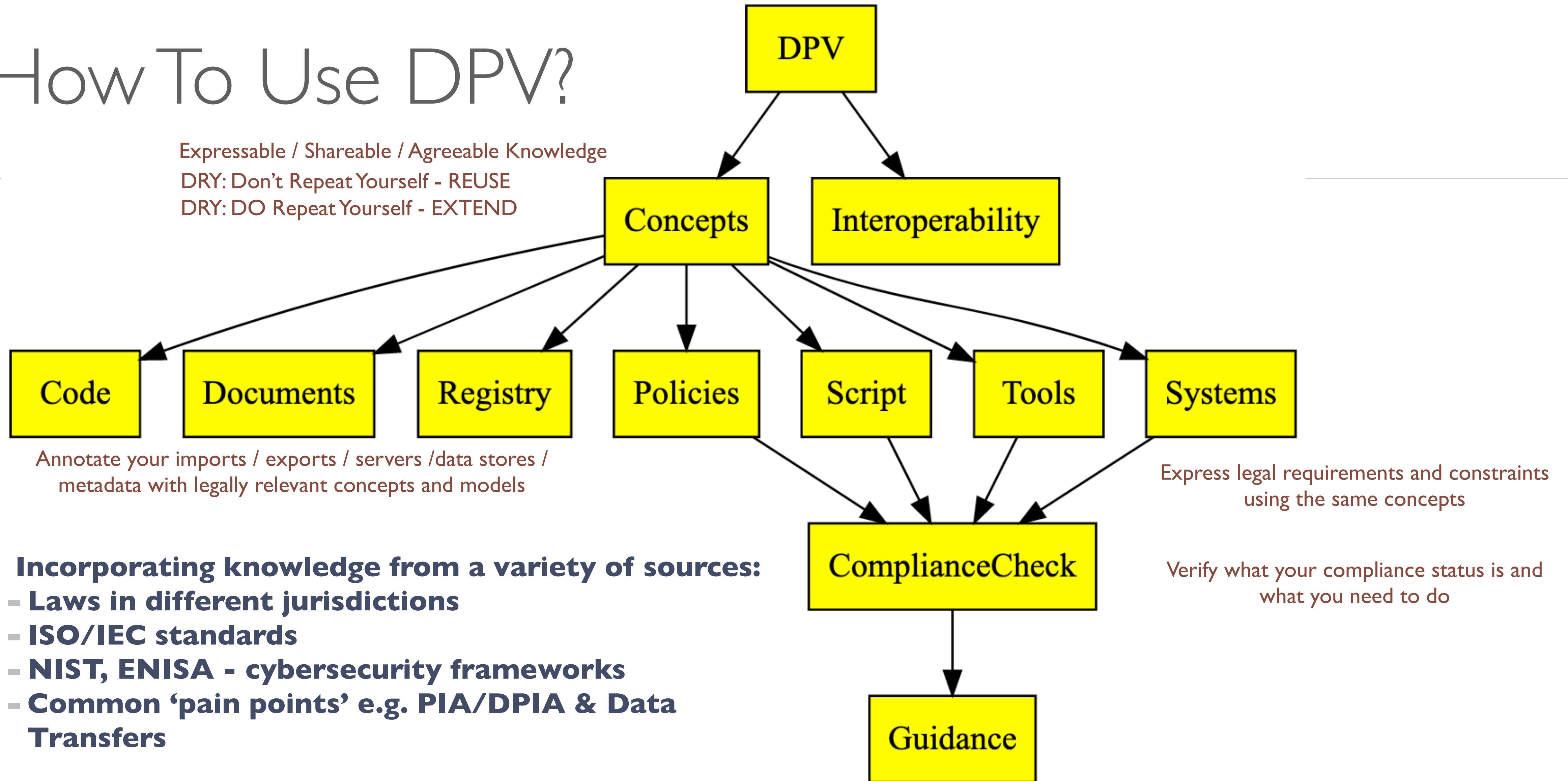
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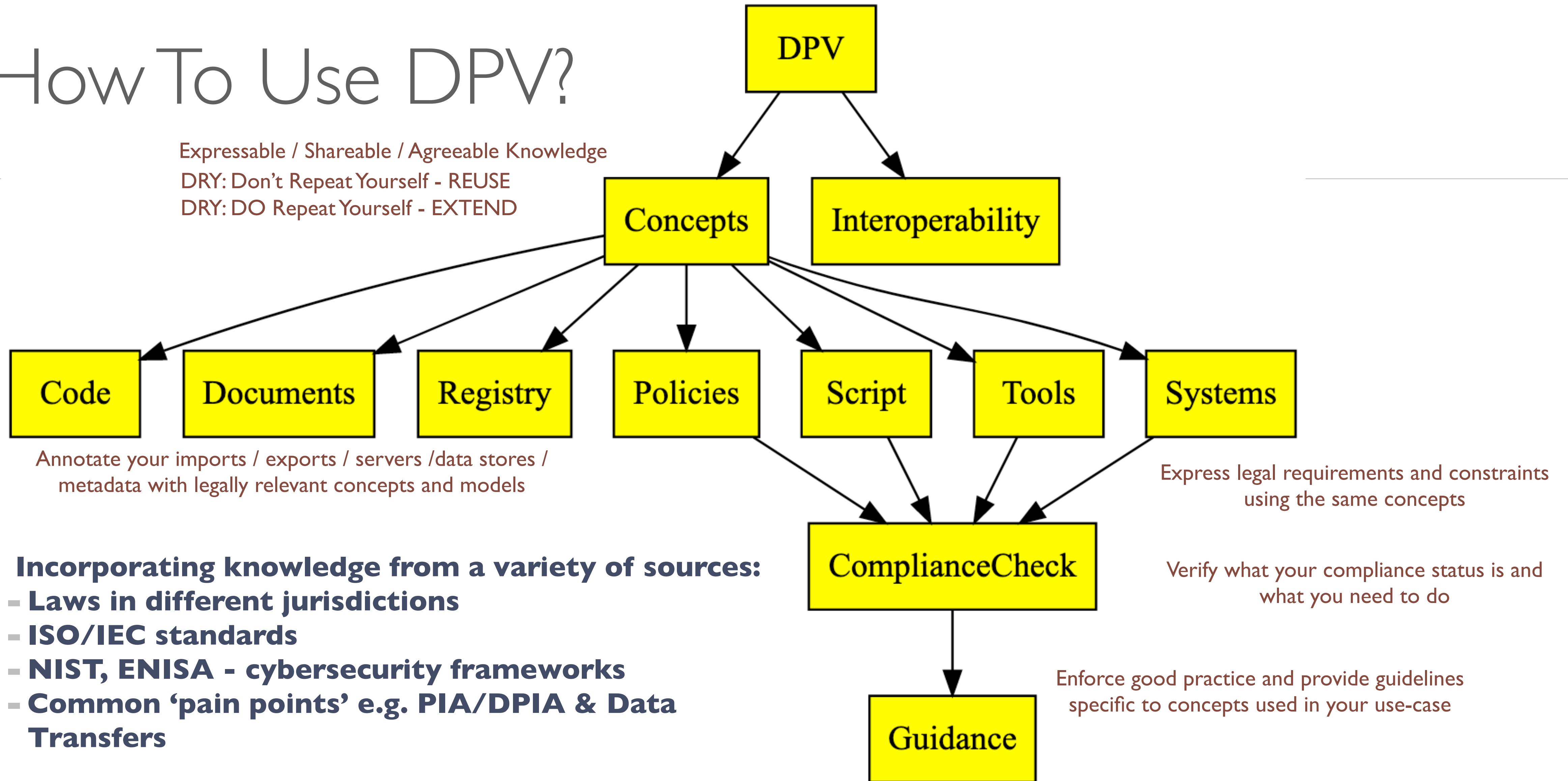
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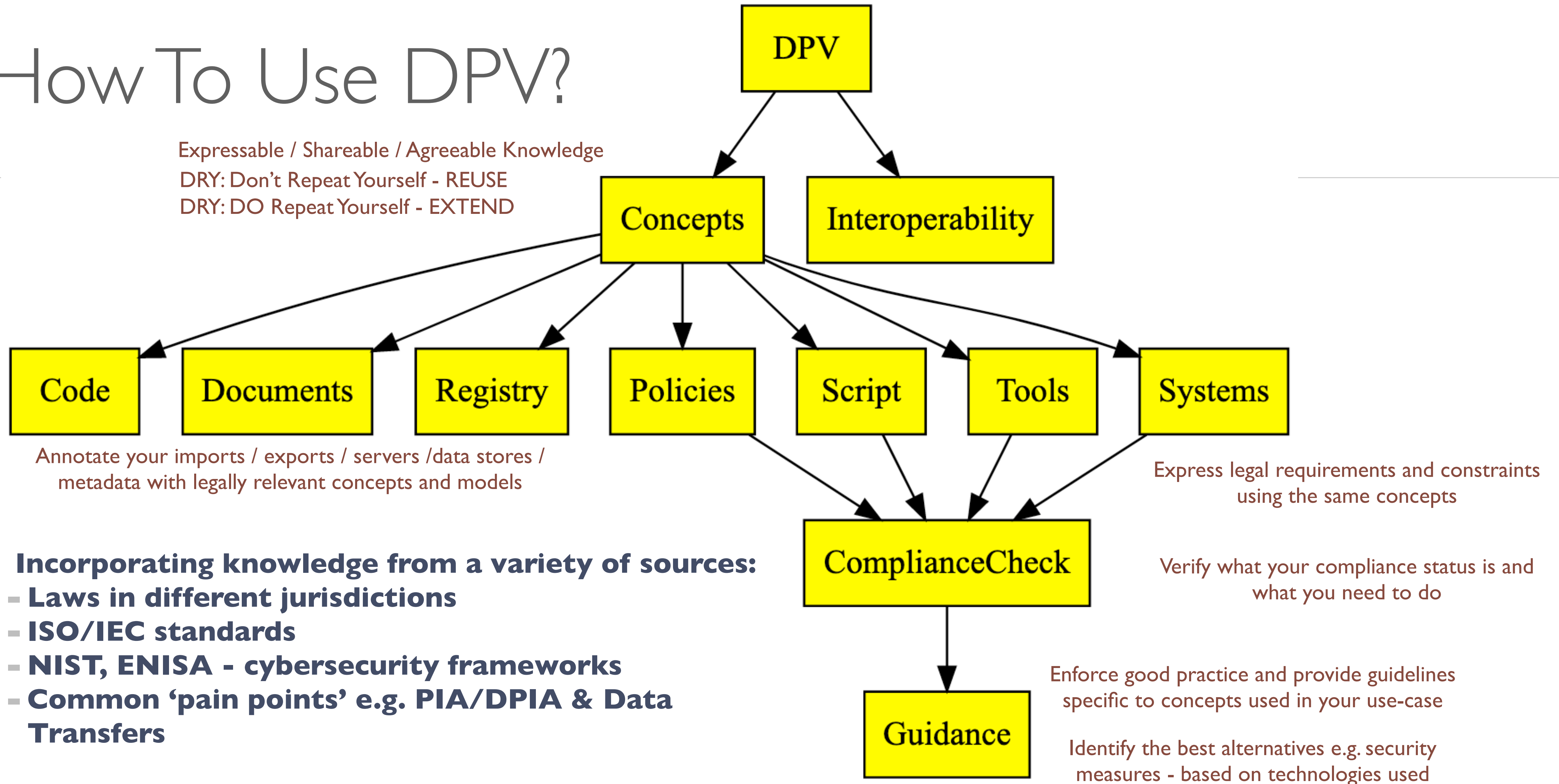
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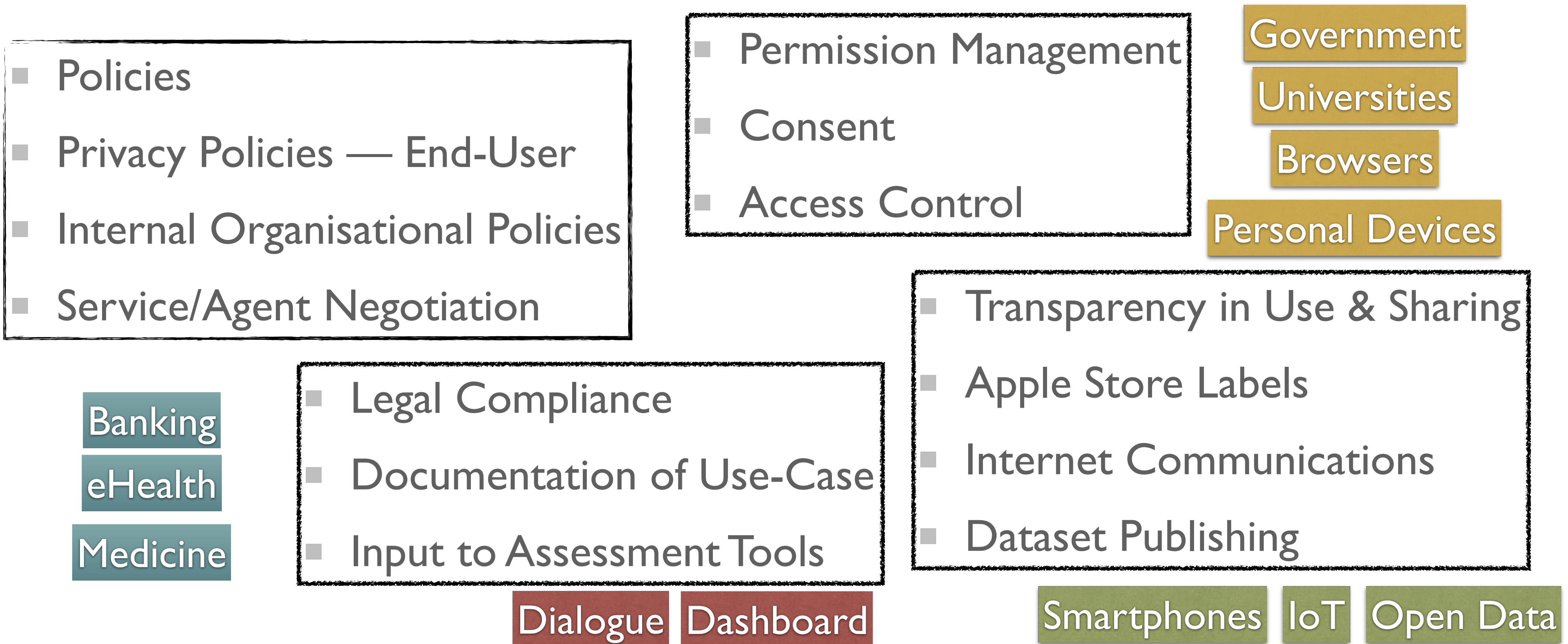


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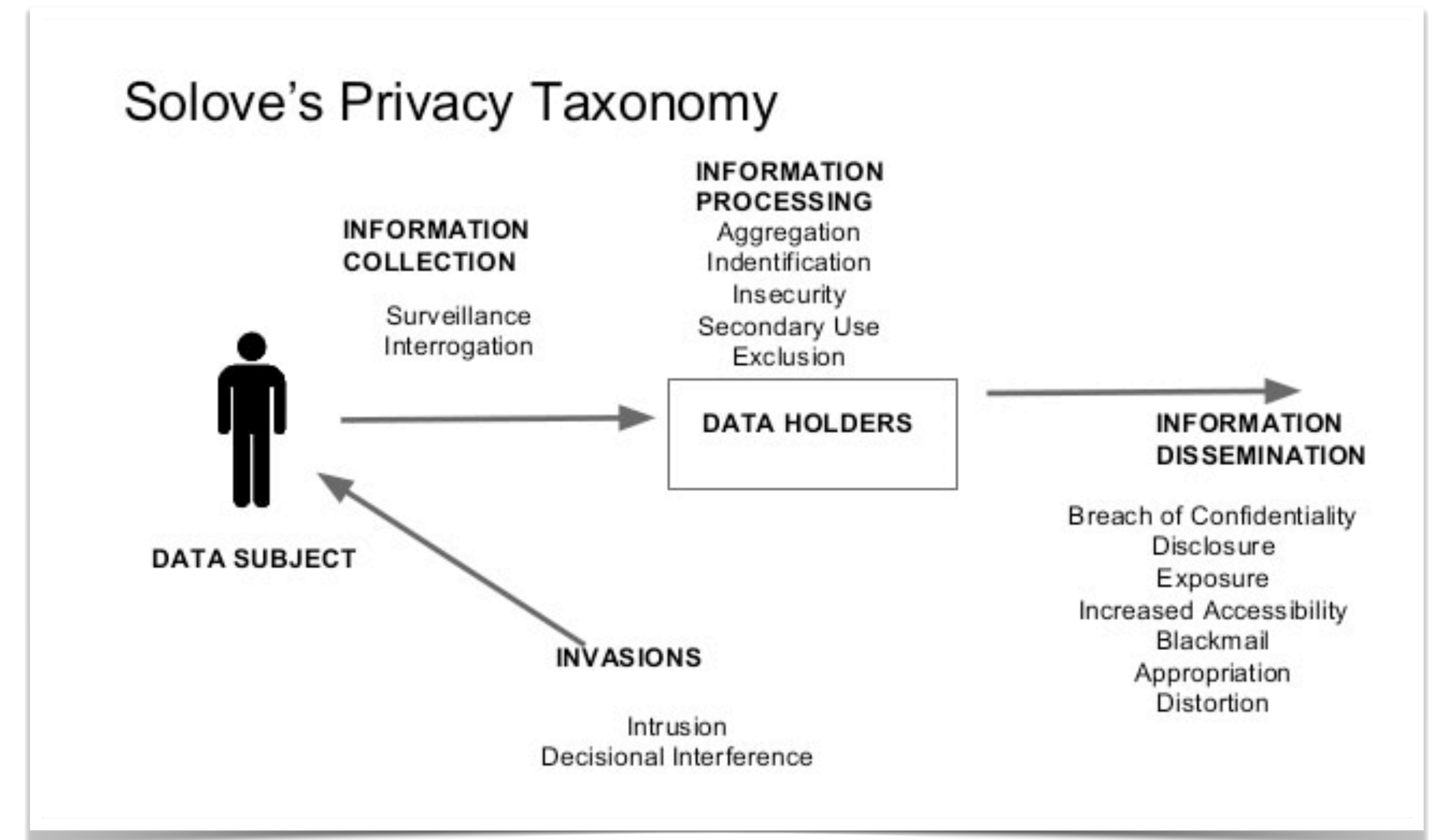


Information...  
 Information...  
 Information ...



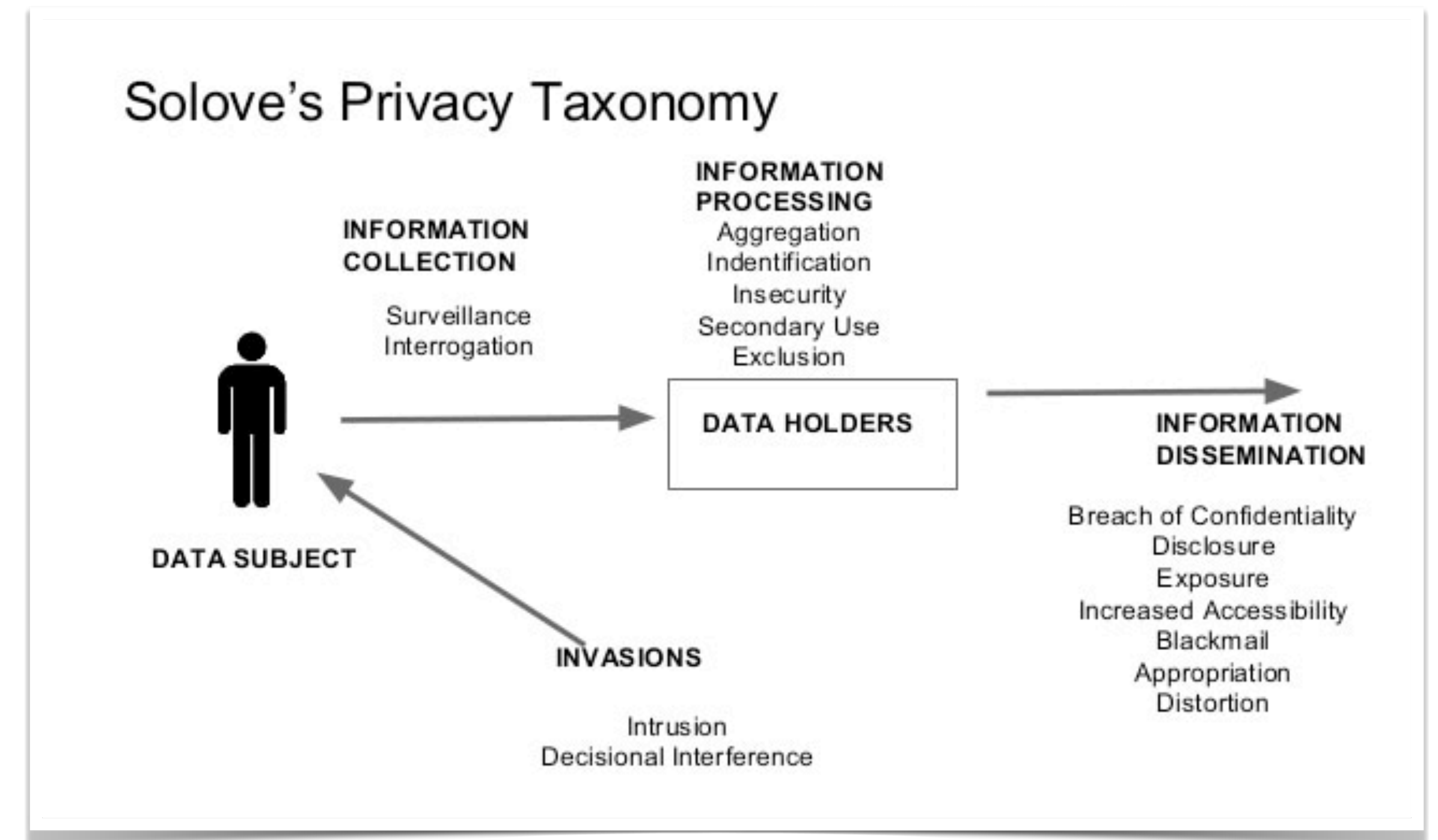
# Challenges to DPV

- Permissions, Prohibitions aren't expressed
- Too much variation in Global concepts for uniformity e.g. 'Sell' in CA/USA vs EU
- Legality  $\neq$  Privacy
- Learning curve and barriers to adoption
- Integration of standards e.g. ISO
- Technologies e.g. cookies, databases, algorithms
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The scope of DPV is in a progressive flux  
It needs a *diverse multi-disciplinary* cohort  
of experts to finalise concepts

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# ***Data Privacy Vocabulary (DPV)***

*Presented by Harshvardhan J. Pandit for PEPR 2022*  
*pandith@tcd.ie | @coolharsh55*

## *Links*

*This presentation: <https://harshp.com/presentations>*

*DPV: <https://w3id.org/dpv>*

*DPVCG: <https://www.w3.org/community/dpvcg/>*

*Github: <https://github.com/w3c/dpv/>*