# Data Systematics: The Metamodel of PSOA RuleML Illustrated by Grailog Visualization

Exemplify PSOA metamodel with 18 oidless/oidful,tupled/slotted,perspeneutral/perspectival wedding atoms.

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http://wiki.ruleml.org/index.php/PSOA_RuleML_Bridges_Graph_and_Relational_Databases
(syntactic realization for core interoperation path pv1-pv3-pv4-pn4, abridged by PSOA rule)

Core oidless/oidful, tupled/slotted atoms that are **p**erspe**n**eutral:

pn1

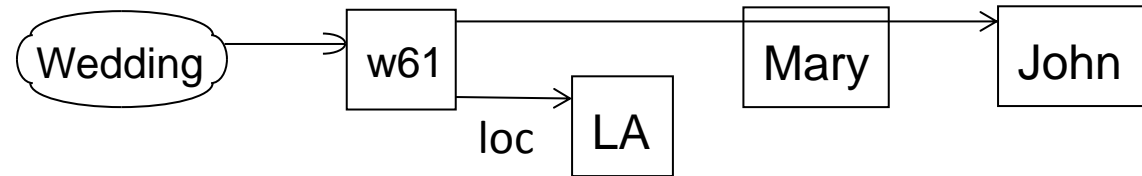pn2. single-tuple: shelves

pn3

pn4: **frames**
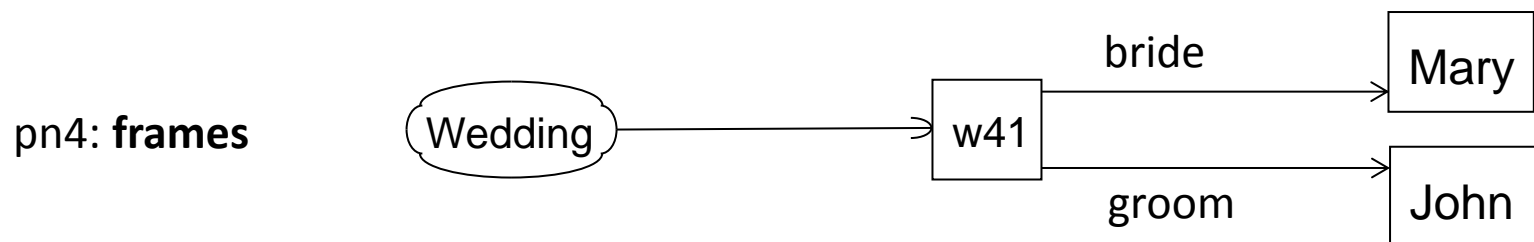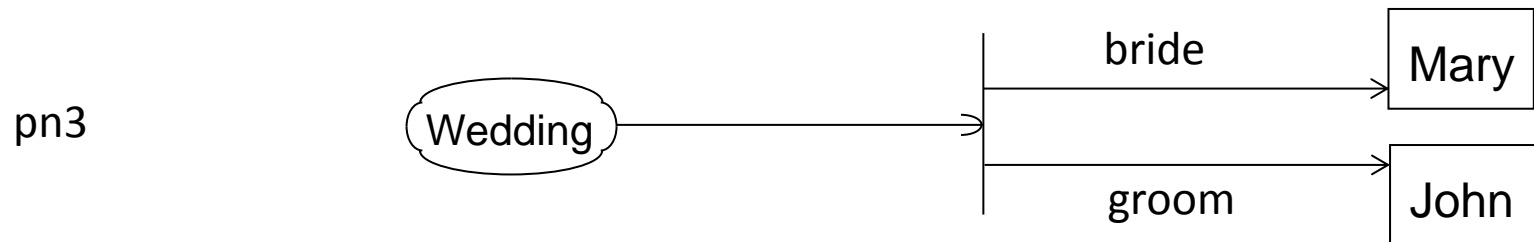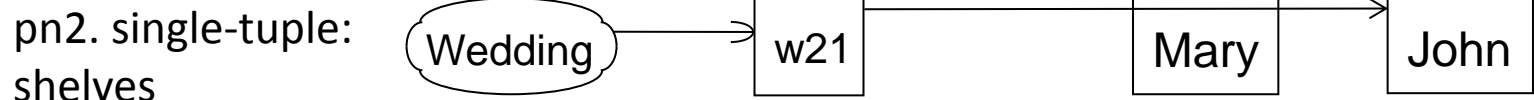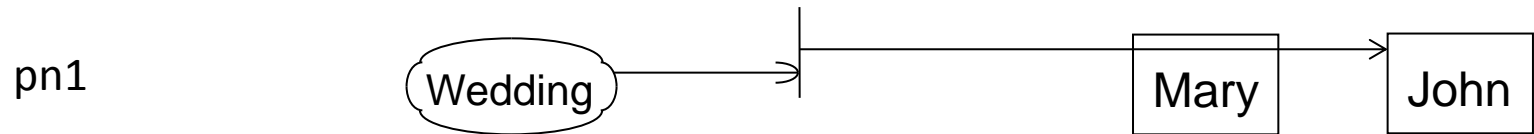
Extra oidless/oidful, combined tupled+slotted atoms that are **p**erspe**n**eutral:
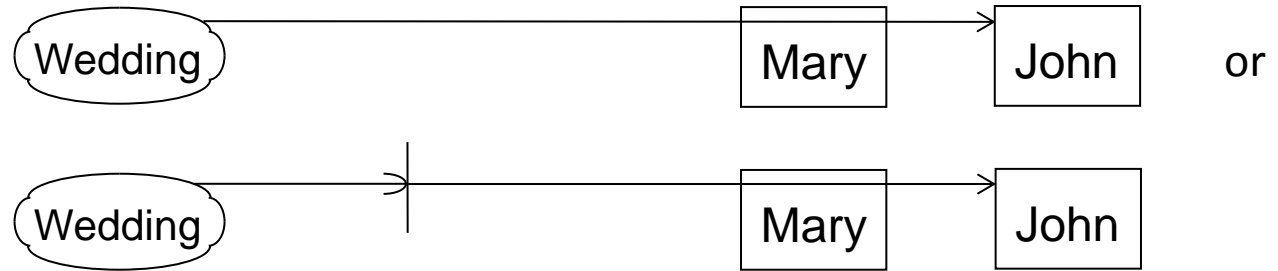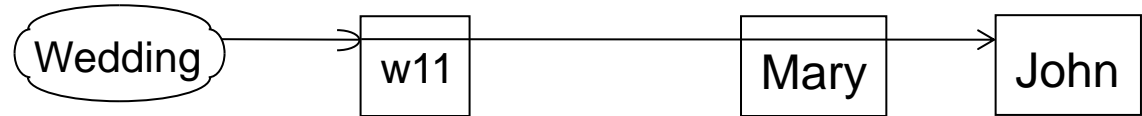
pn5
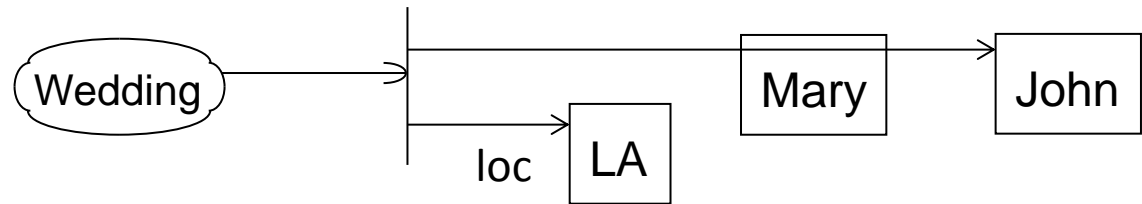
pn6. single-tuple:
shelframes

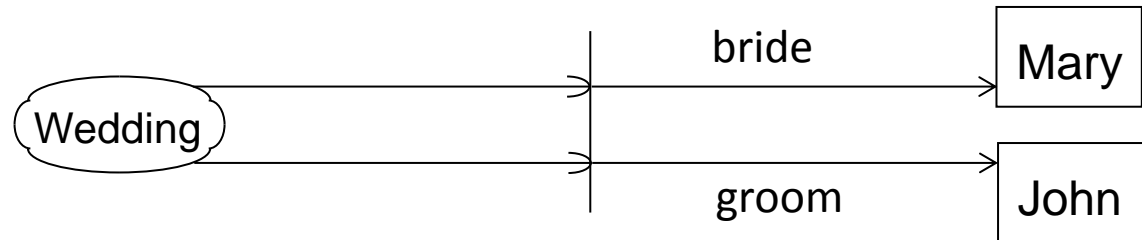Core oidless/oidful, tupled/slotted atoms that are **p**erspecti**v**al:

pv1. single-tuple: relationships
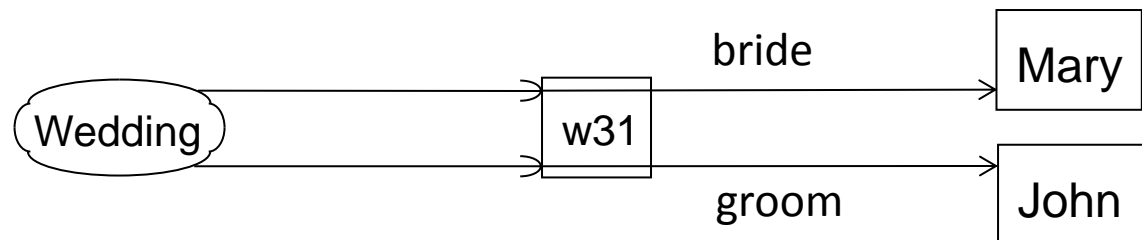
(Wedding) ──────────────→ | Mary | | John | or

(Wedding) ──────┤├──────→ | Mary | | John |

pv2

(Wedding) →| w11 |─────→ | Mary | | John |

pv3: pairships

(Wedding) ──────┤├────→ bride | Mary |
            ──────┤├────→ groom | John |

pv4

(Wedding) →| w31 |────→ bride | Mary |
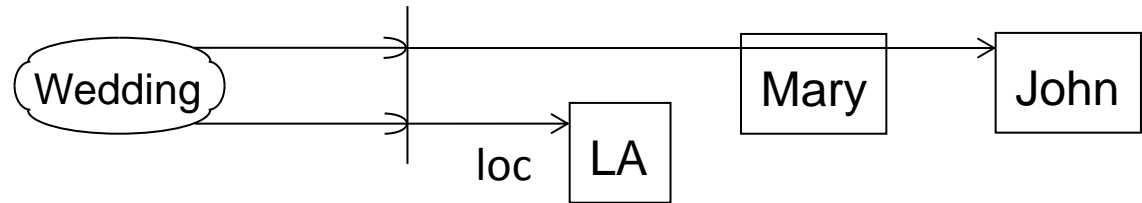   →| |────→ groom | John |

Extra oidless/oidful, combined tupled+slotted atoms that are **p**erspecti**v**al:

pv5. single-tuple:
relpairships

Wedding → | → Mary → John

loc → LA

pv6
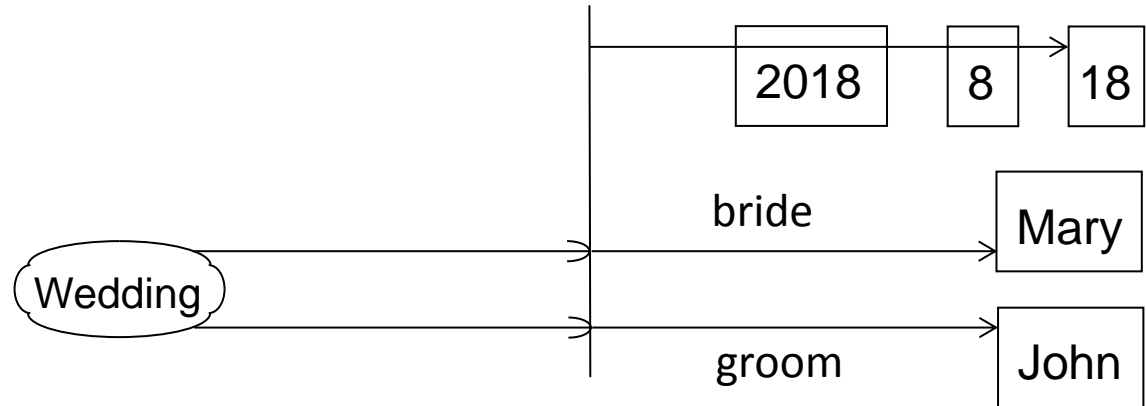
Wedding → w51 → Mary → John

loc → LA
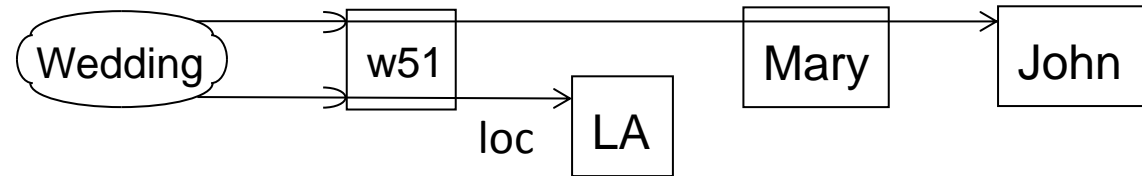
Adding oidless/oidful, tupled/slotted, combined **p**erspeneutral+**p**erspectival atoms:

pp1

pp2

pp3

pp4
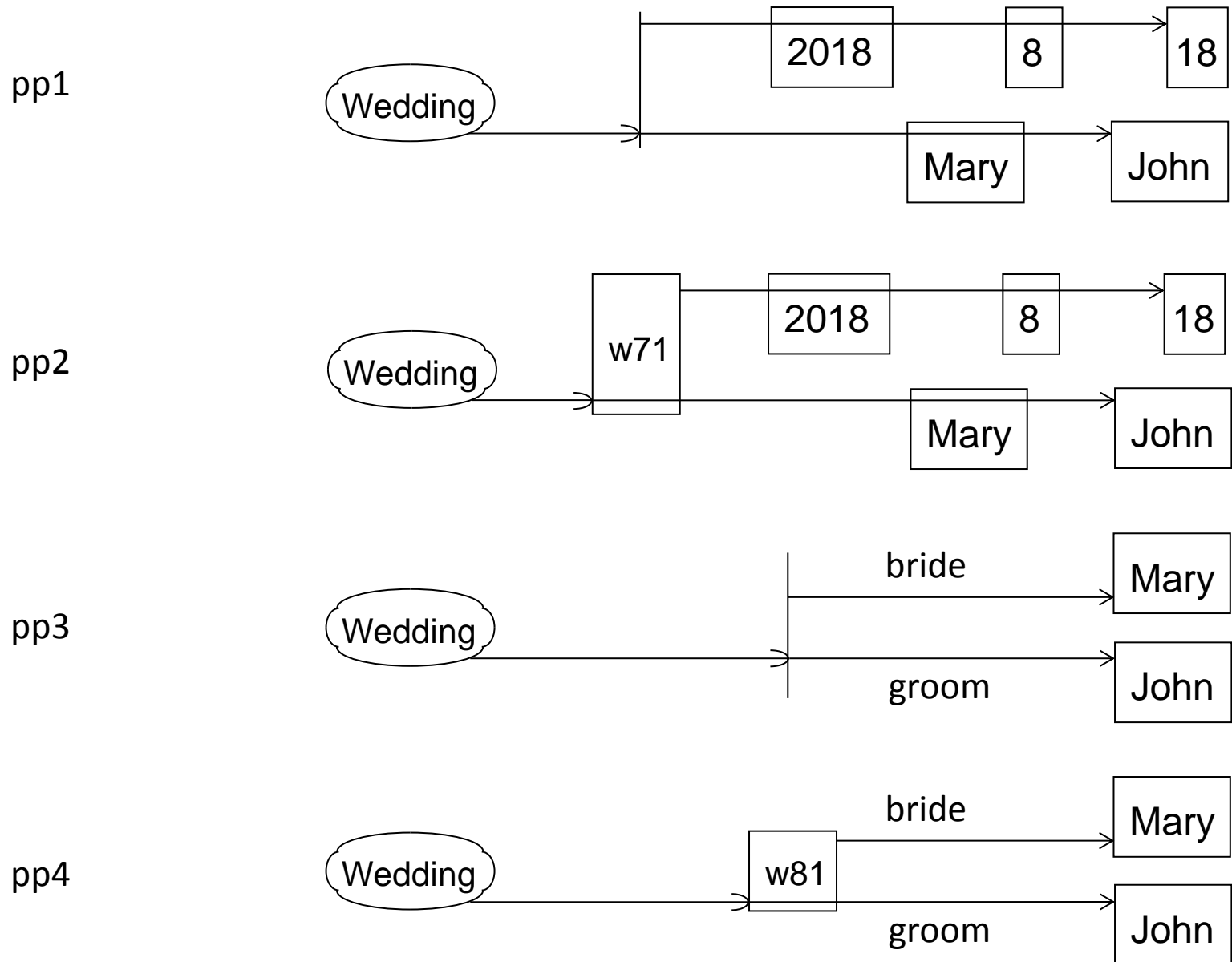
Also oidless/oidful, combined tupled+slotted, combined **p**erspeneutral+**p**erspectival:

pp5

| 2018 | 8 | 18 |

bride → Mary

Wedding

groom → John

pp6

w91

| 2018 | 8 | 18 |

bride → Mary

Wedding

groom → John