Data in Perspective: The Rich TA Example as Grailog Visualization and PSOA RuleML Facts
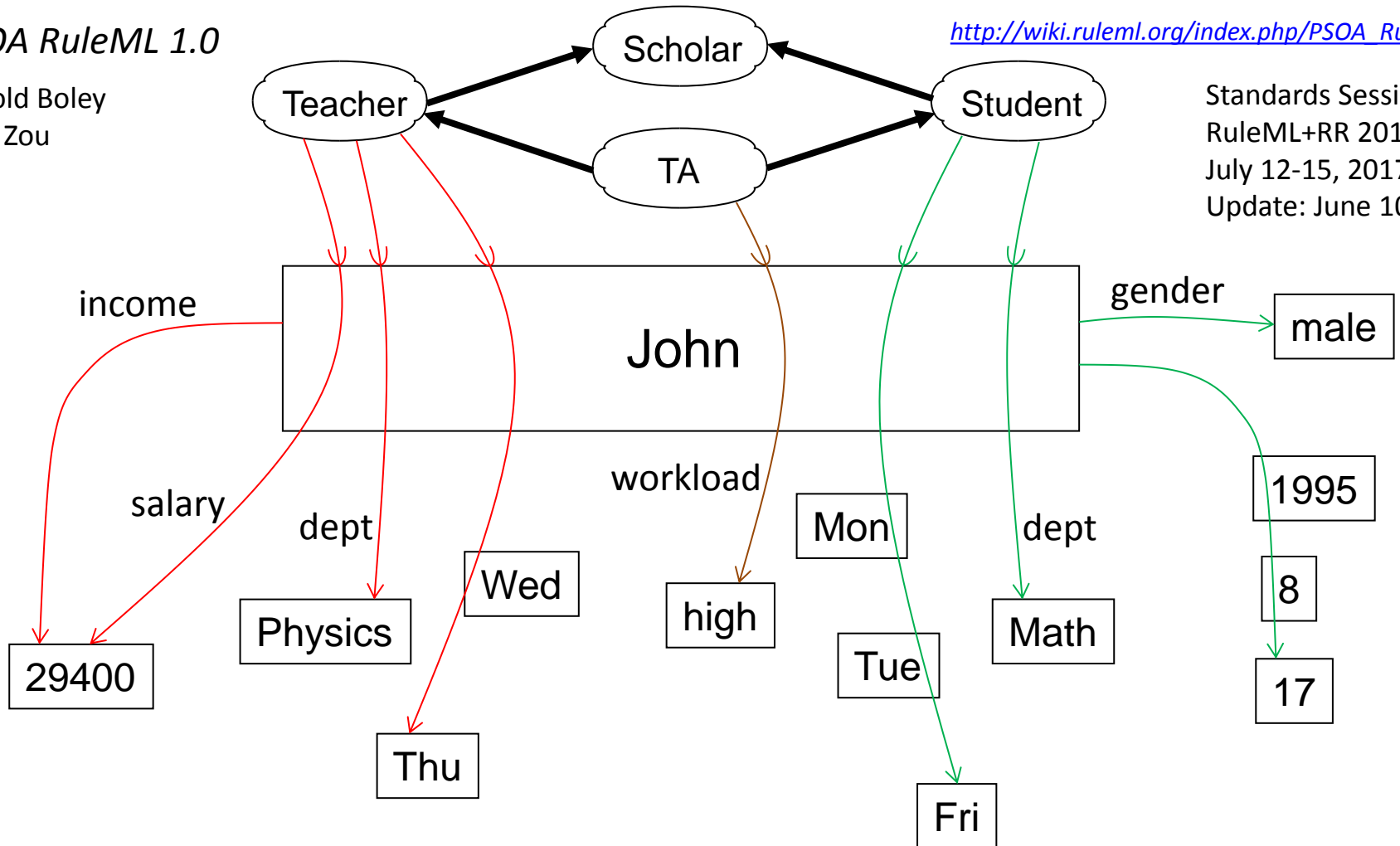
Describe John independently (-) re income, gender, dob and dependent (+) on Teacher (3), TA (1), Student (2).

PSOA RuleML 1.0

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Gen Zou

http://wiki.ruleml.org/index.php/PSOA_RuleML

Standards Session
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Scholar

Teacher

TA

Student

income

John

gender

male

salary

dept

Wed

workload

Mon

dept

1995

8

Physics

high

Tue

Math

17

Thu

Fri

29400

$\subseteq$

$\in$

Teacher##Scholar   [John#TA, John#Teacher, John#Student (John#Scholar) entailed]
Student##Scholar   John#TA(workload+>high)
TA##Teacher   John#Teacher(+[Wed Thu] dept+>Physics salary+>29400 income->29400)
TA##Student   John#Student(+[Mon Tue Fri] -[1995 8 17] dept+>Math gender->male)