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Product Derby

Driver Eligibility

Created on: 7/15/2007

Modified by: Marco Ensing

Comment: applied to each driver covered by the application or policy

determine certificate

Description: If driver has taken driver's training from school then driver has training certification.

```
if    driver's training form school
then  has training certificate = true
```

determine certificate 2

Description: If driver has taken driver's training from a licensed driver training company, then driver has training certification.

```
if    driver's training from company
then  has training certificate = true
```

determine certificate 3

Description: If driver had taken a senior citizen driver's refresher course, then driver has training certification.

```
if    driver has taken refresher course
then  has training certificate = true
```

Not young or senior

Description: If the following are not true, then eligible driver: Young driver or Senior driver

```
if    age category is not equal to young
      and age category is not equal to senior
then  is eligible = true
```

senior driver

Description: If the driver is over the age of 70, then senior driver.

```
if    age is greater than 70
then  age category = senior
```

senior eligible

Description: If senior driver and driver has training certification, then eligible driver.

```
if    age category is equal to senior
      and has training certificate
then  is eligible = Yes
```

young elibigle

Description: If young driver and driver has training certification, then eligible driver.

```
if    age category is equal to young
      and has training certificate
then  is eligible = Yes
```

young female

Description: If the driver is female and is under the age of 20, then young driver.

```
if      gender is equal to female
      and age is less than 20
then    age category = young
```

young male

Description: If the driver is male and is under the age of 25, then young driver.

```
if      gender is equal to male
      and age is less than 25
then    age category = young
```

Rule Anomalies

When rule anomalies exist, the rendered graphs may vary from one verification to another. This is a side effect of the order of rule execution. Rule execution is only set by rule priorities. When multiple rules with the same priority are available for execution, an arbitrary choice is made by the inference engine.

Incompleteness

Incompleteness are discovered when a set of input terms do not assign a value to an output term, while there exist values for these input terms that do assign a value to this output term. These input data scenarios might identify missing rules.

is eligible does not get a value assigned when

has training certificate	= False
age category	= young

has training certificate does not get a value assigned when

driver has taken refresher course	= False
driver s training from company	= False
driver s training form school	= False

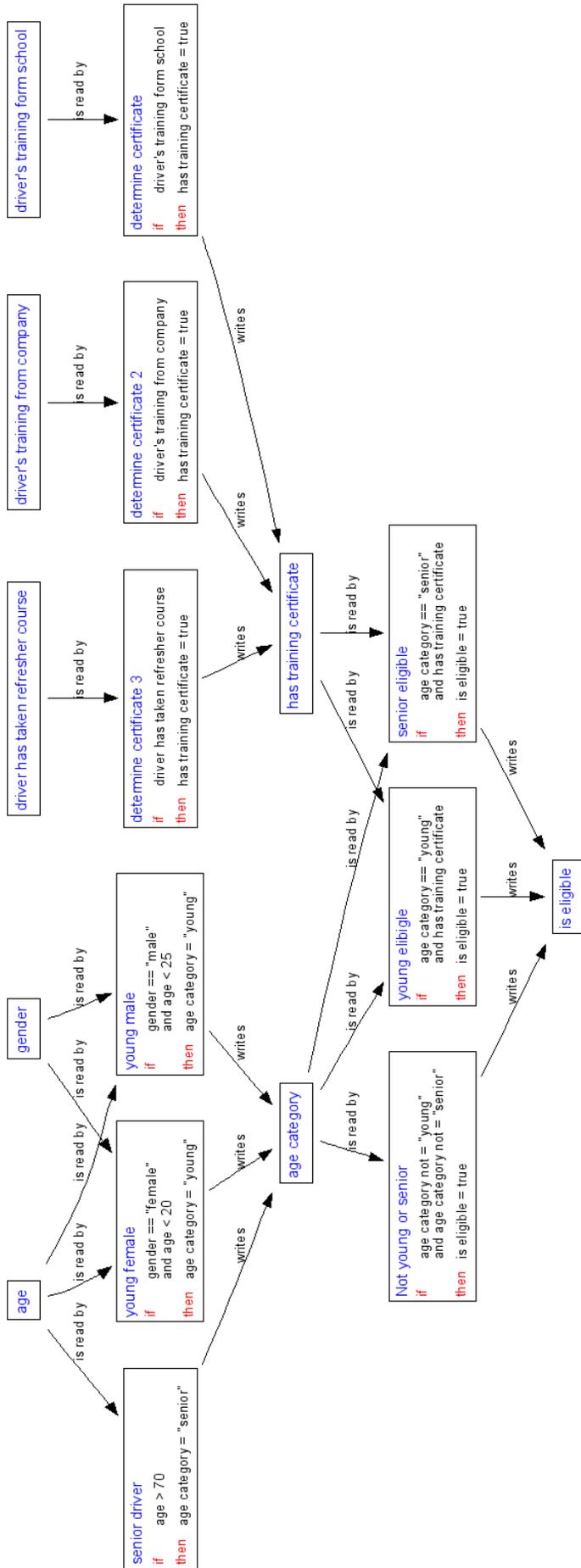
age category does not get a value assigned when

gender	= female
age	= 24.999999

is eligible does not get a value assigned when

has training certificate	= False
age category	= senior

Rule Dependency Graph



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