

```

<rdf:RDF>
  <rdf:Description rdf:about='uri' >
    <rdf:type rdf:resource='uri:GmbH' />
    .
  </rdf:Description>
</rdf:RDF>

```

uri of GmbH

Jun 13-14:25

DL examples

$$\text{Parent} \equiv \text{Person} \sqcap \exists \text{child.T}$$

$$\text{Parent of Son} \equiv \text{Parent} \sqcap \exists \text{child.Male}$$

$$\text{Grandparent} \equiv \text{Person} \sqcap \exists \text{child} . (\exists \text{child.T})$$

Does

$$\text{Grandparent} \sqsubseteq \text{Parent} \text{ hold?}$$

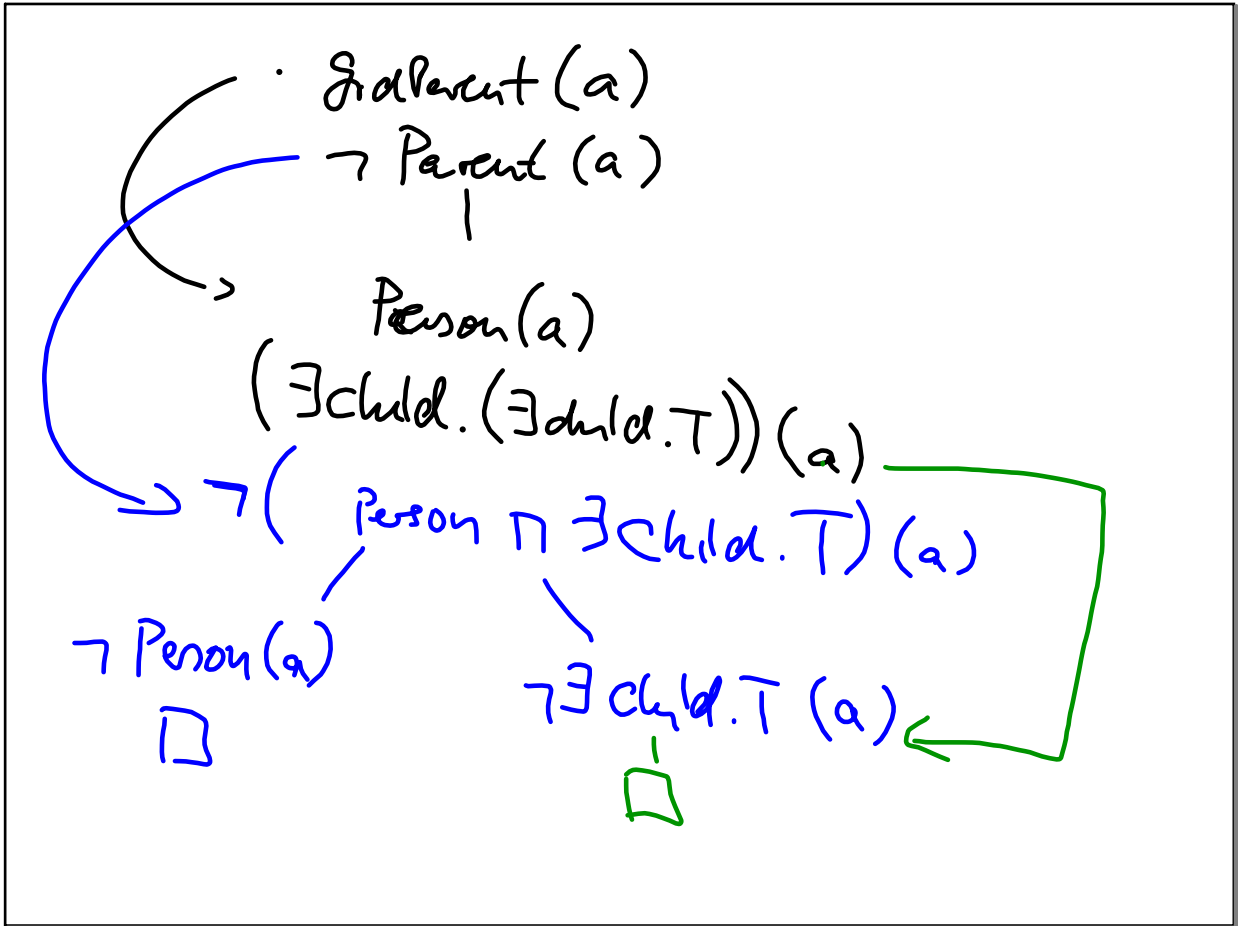
→ Yes.

How does the reasoner do this:

Tableau: is there some α that is a grandparent, but not a parent?

↳

Jun 13-15:40



Jun 13-15:42