

Teaching Machines Entailment

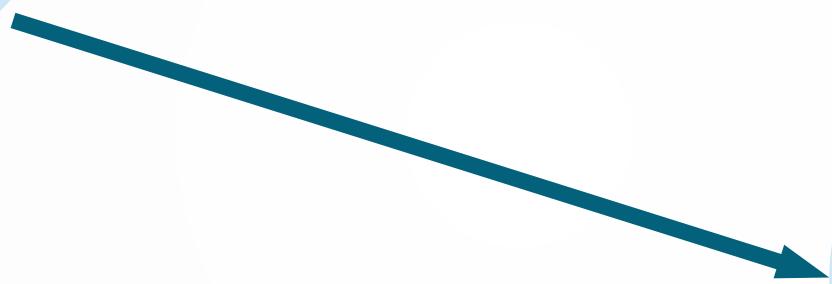
Sabine Weber

Obama visits Hawaii

Obama visits Hawaii
Obama is in Hawaii
Obama will leave Hawaii

succeed

try

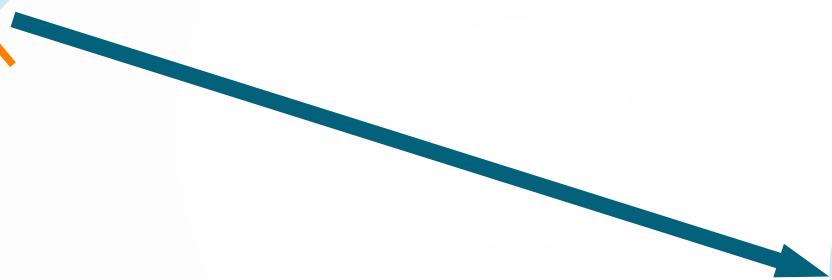
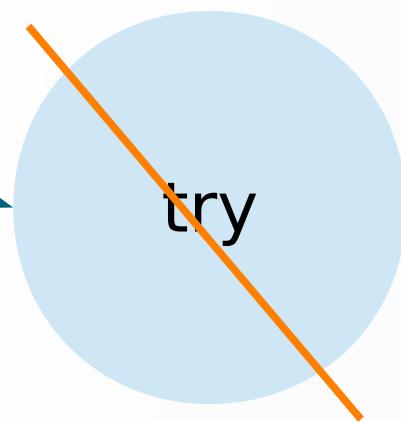
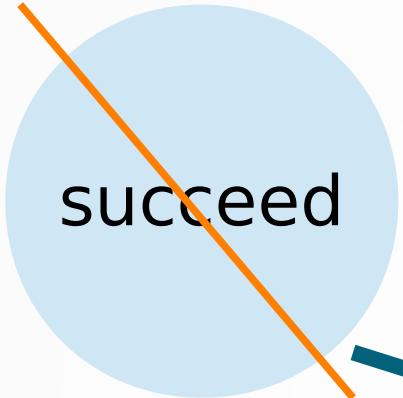


```
graph LR; succeed((succeed)) --> succeed
```

A light blue circular node with the word "succeed" inside. An orange diagonal line segment, forming a self-loop arrow, originates from the top-left edge of the circle and points back towards the center.

```
graph LR; try((try)) --> succeed((succeed))
```

A light blue circular node with the word "try" inside. A dark blue arrow originates from the bottom-right edge of the "try" node and points towards the top-left edge of the "succeed" node.

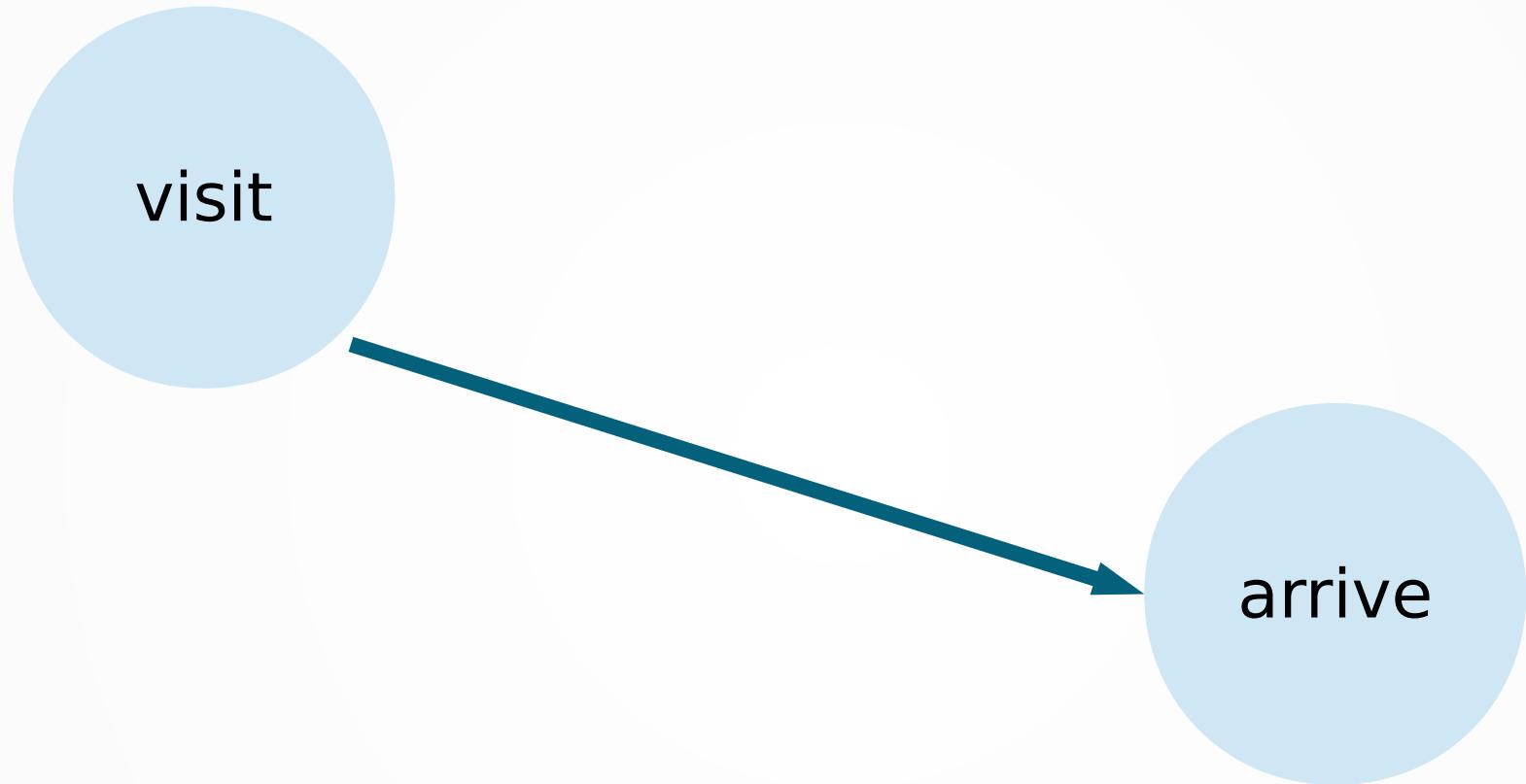




Distributional Inclusion Hypothesis

**Obama visits Hawaii
Merkel visits Berlin
Bush visits Washington**

**Obama arrives at Hawaii
Markel arrives at Berlin**



visit

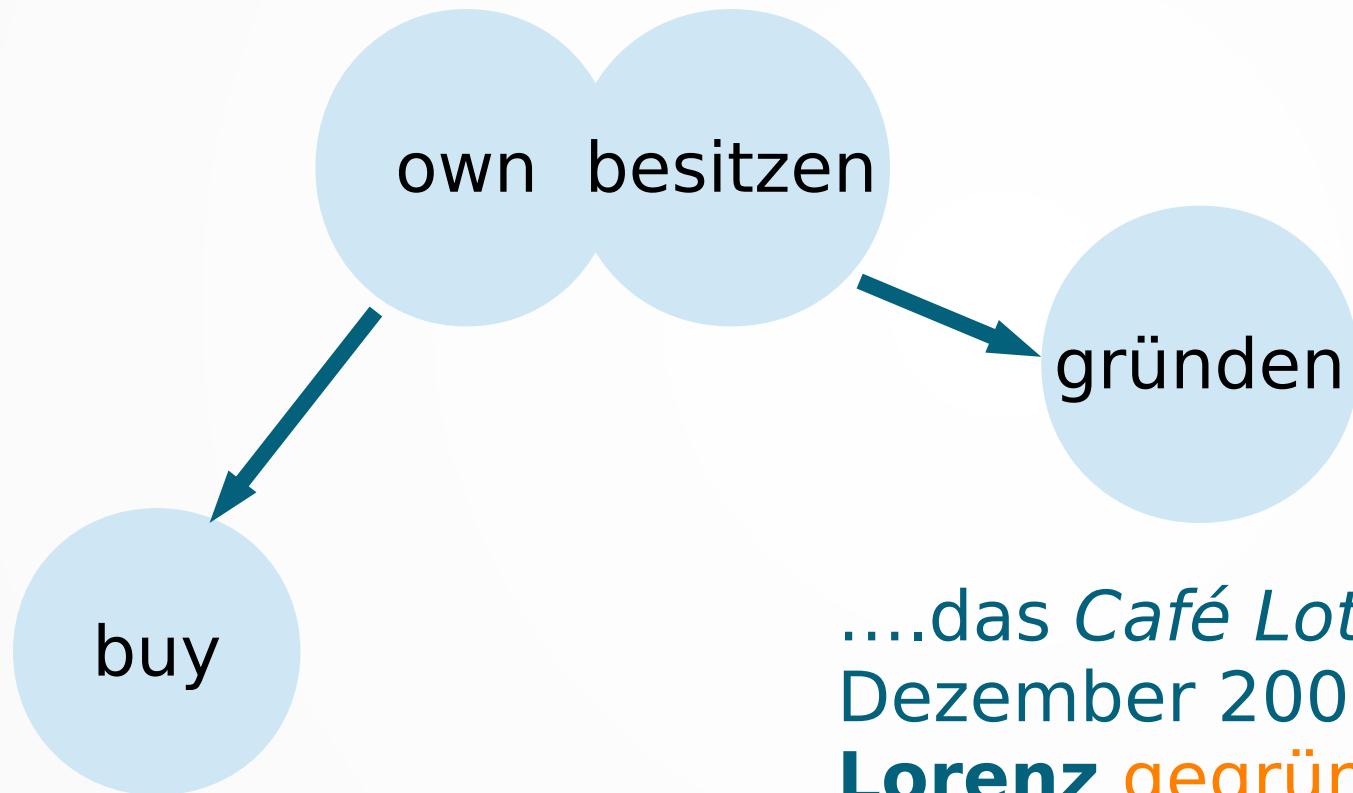
besuchen

arrive

erreichen



Who owns the Café Lotti in Munich?



....das Café Lotti am 1.
Dezember 2009 von **Sabrina**
Lorenz gegründet wurde...

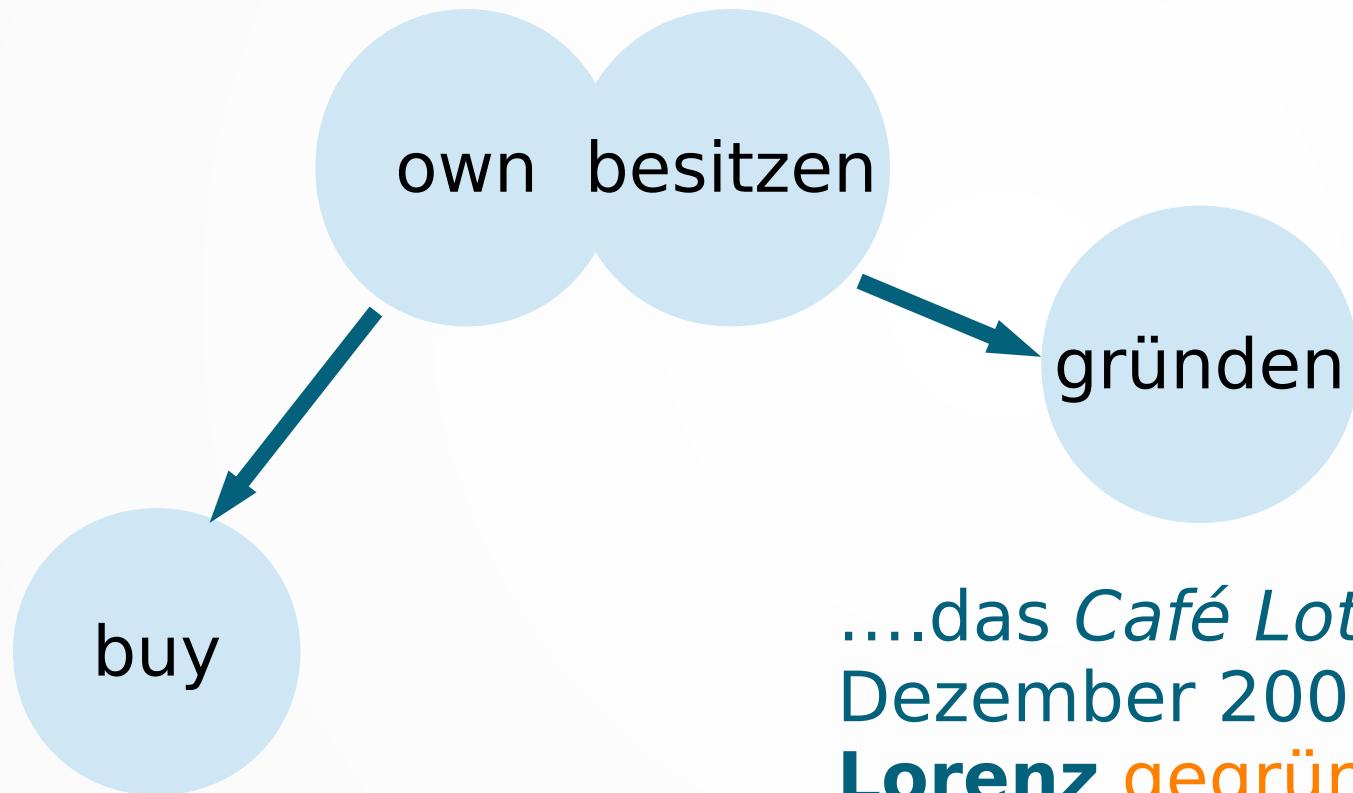
	visit	arrive	besuchen	erreichen
Obama, Hawaii	5	3	6	1
Merkel, Berlin	7	4	9	4
Bush, Washington	1	0	2	0

visit besuchen



arrive erreichen

Who owns the Café Lotti in Munich?



....das Café Lotti am 1.
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This might be useful for

- search, question answering
- chat bots
- link predication
- your awesome idea goes here!