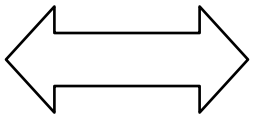
Conceptual Dependency

- ATRANS – abstract transfer (give)
- PTRANS – physical transfer (move)
- PROPEL – application of force (push)
- MTRANS – mental transfer (tell
- MBUILD – construct new information
- SPEAK – utter a sound (say)
- ATTEND – focus on a stimulus (watch)
- MOVE – move a body part (kick)
- GRASP – grasp an object (clutch)
- INGEST – ingest something (eat, inject)
- EXPEL – expel something (spit)

Primitive Things

- PP – Real world objects (people, things)
- ACT – Real world actions (eat, give)
- PA – Attributes of objects (size, health)
- AA – Attributes of actions
- T – Times
- LOC – Locations

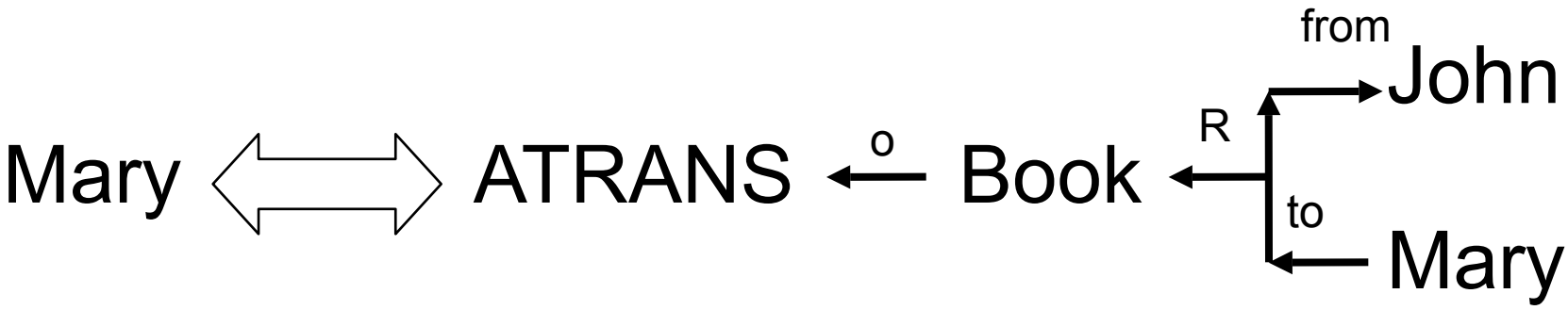
Connections

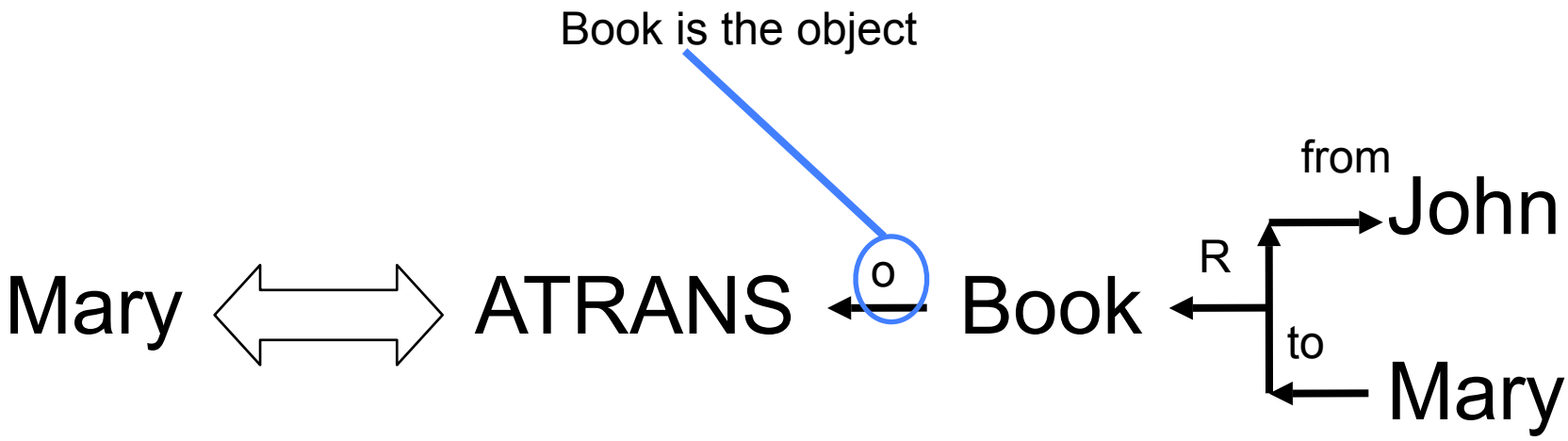
 - link actors to actions

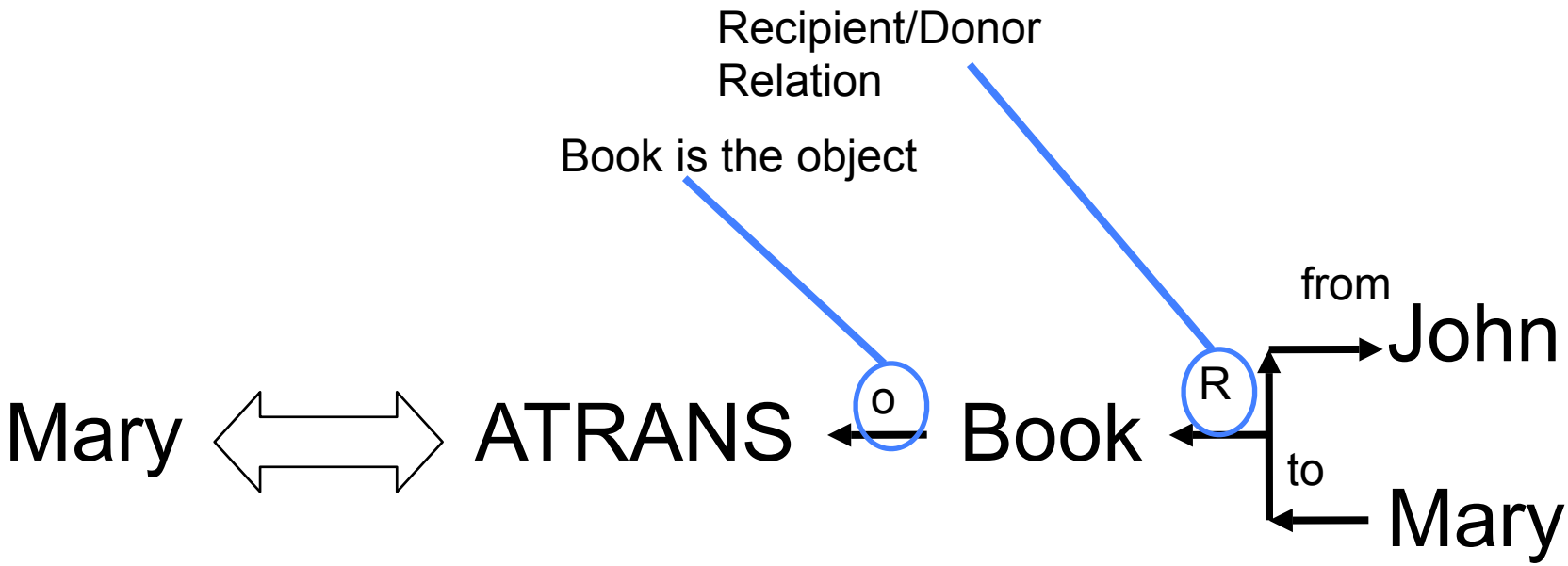
- dependencies

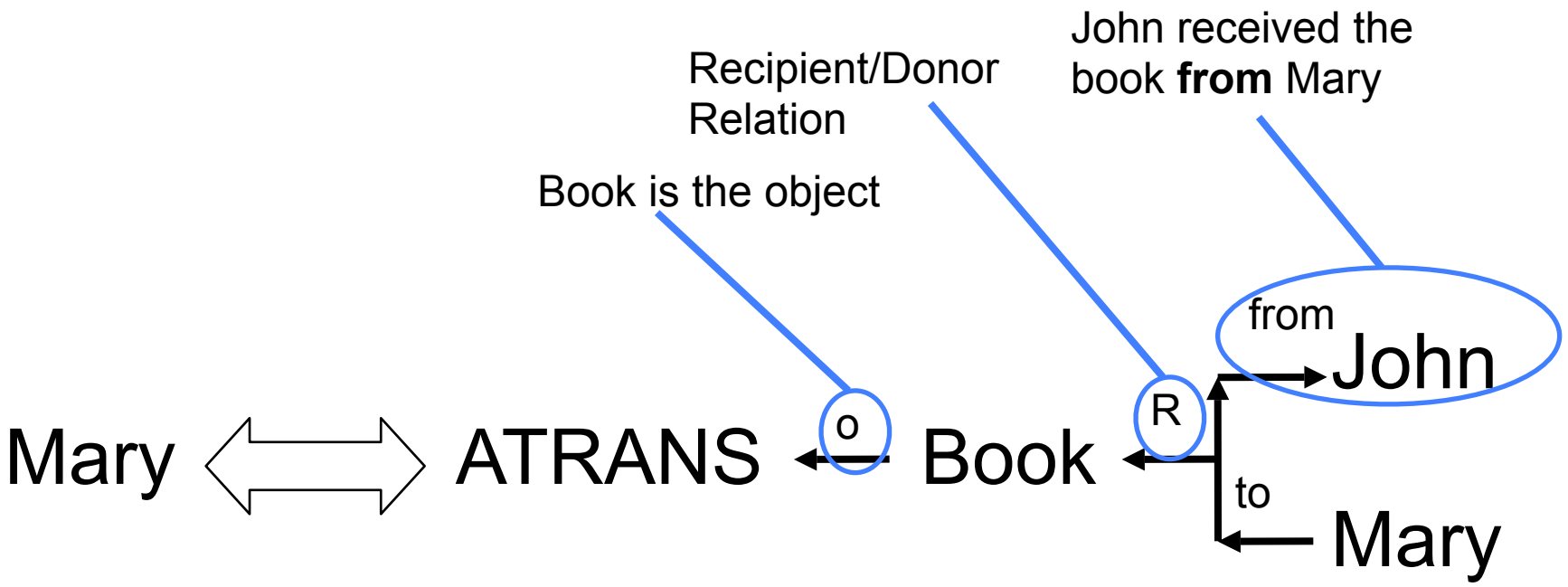
- conditionals

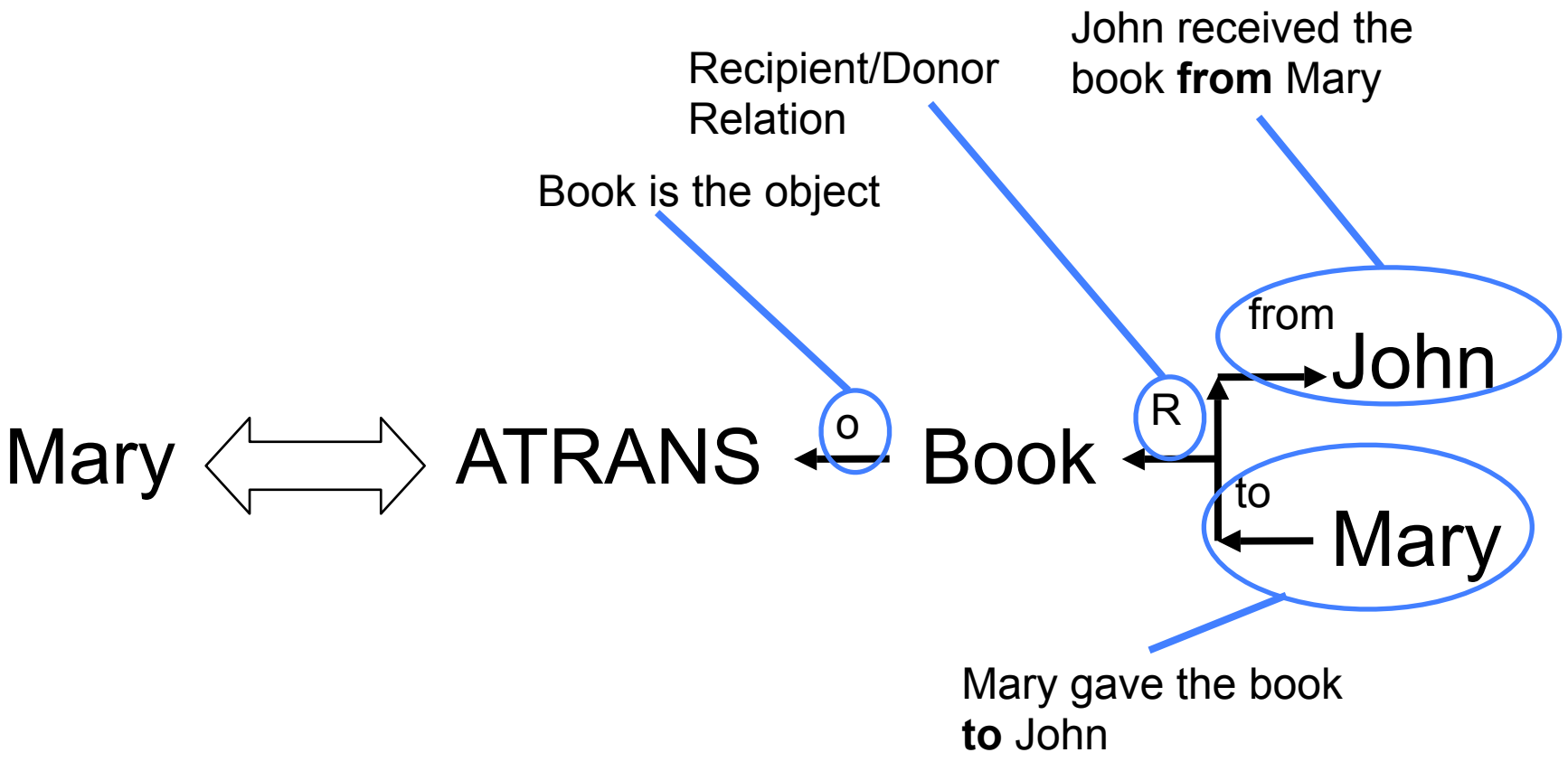
Mary gives John the book.


Mary
ATRANS
o
Book
R
from
John
to
Mary

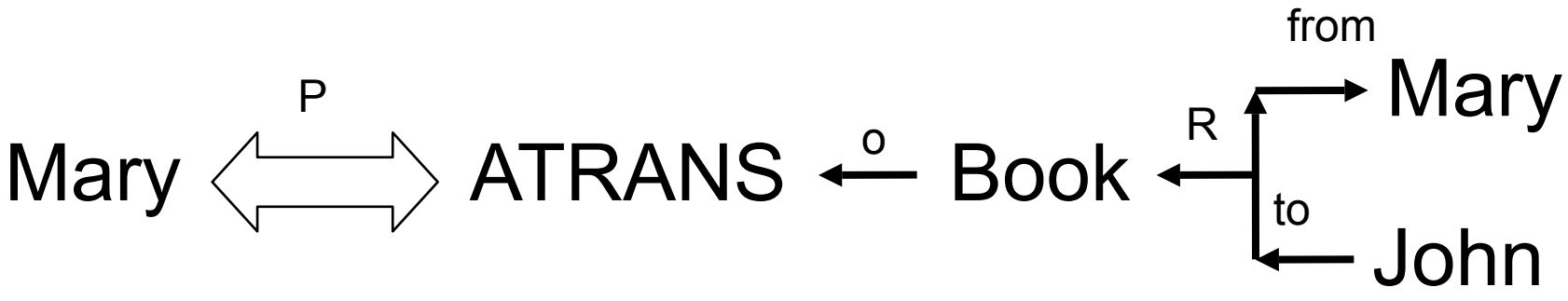

Book is the object
Mary
ATRANS
o
Book
R
from
John
to
Mary

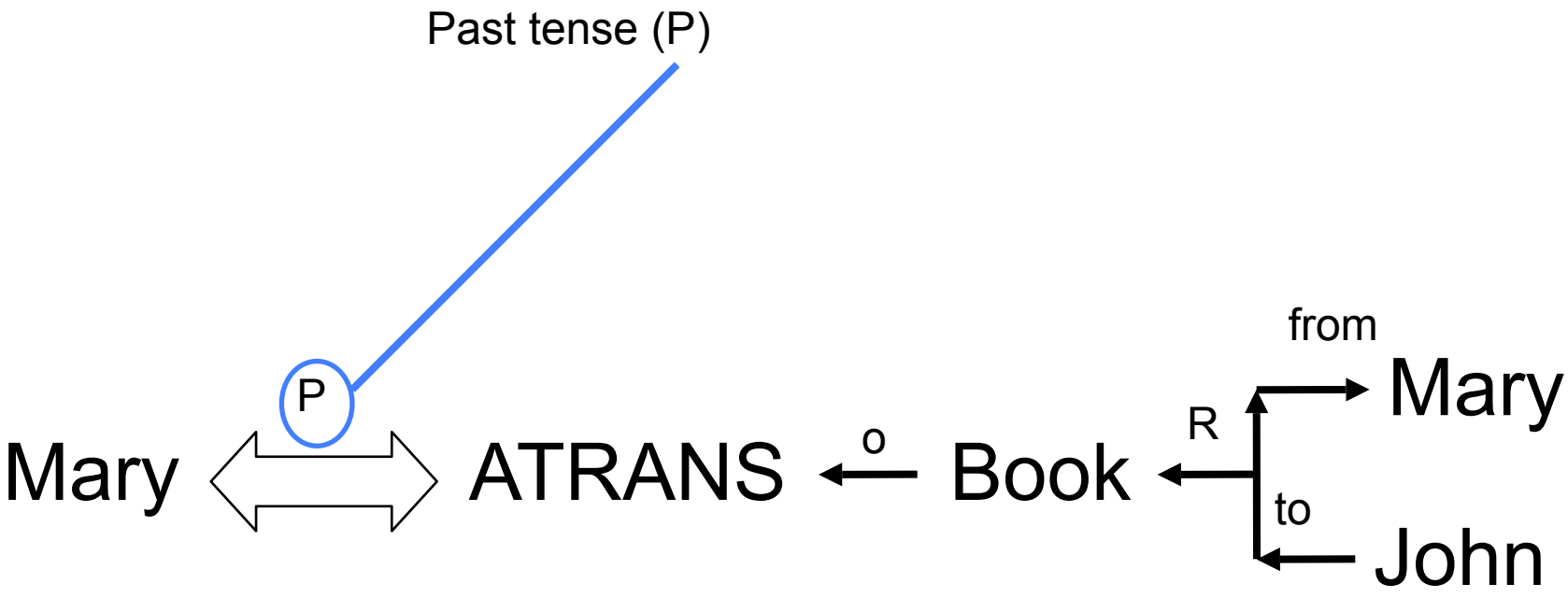

Recipient/Donor
Relation
Book is the object
Mary
ATRANS
o
Book
R
from
John
to
Mary


John received the book **from** Mary
Recipient/Donor Relation
Book is the object
Mary
ATRANS
o
Book
R
from
John
to
Mary

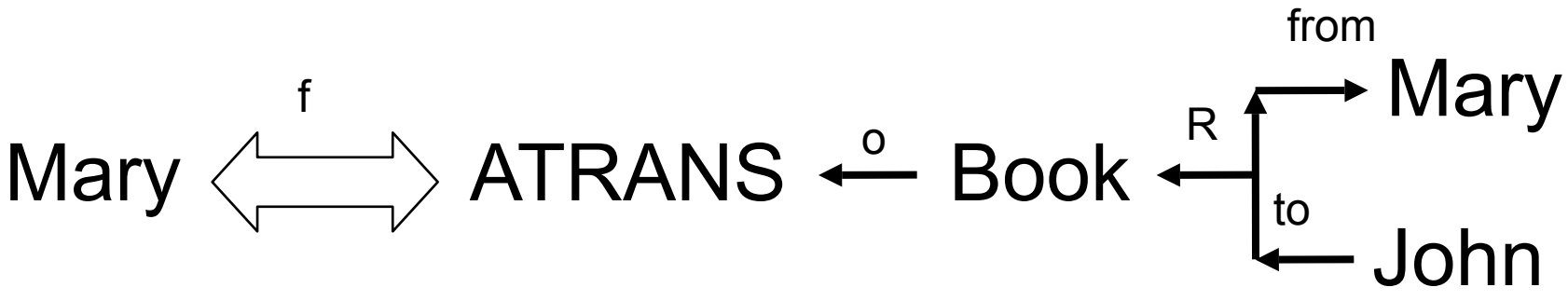

John received the book **from** Mary
Recipient/Donor Relation
Book is the object
from
John
R
o
Mary
ATRANS
Book
to
Mary
Mary gave the book **to** John

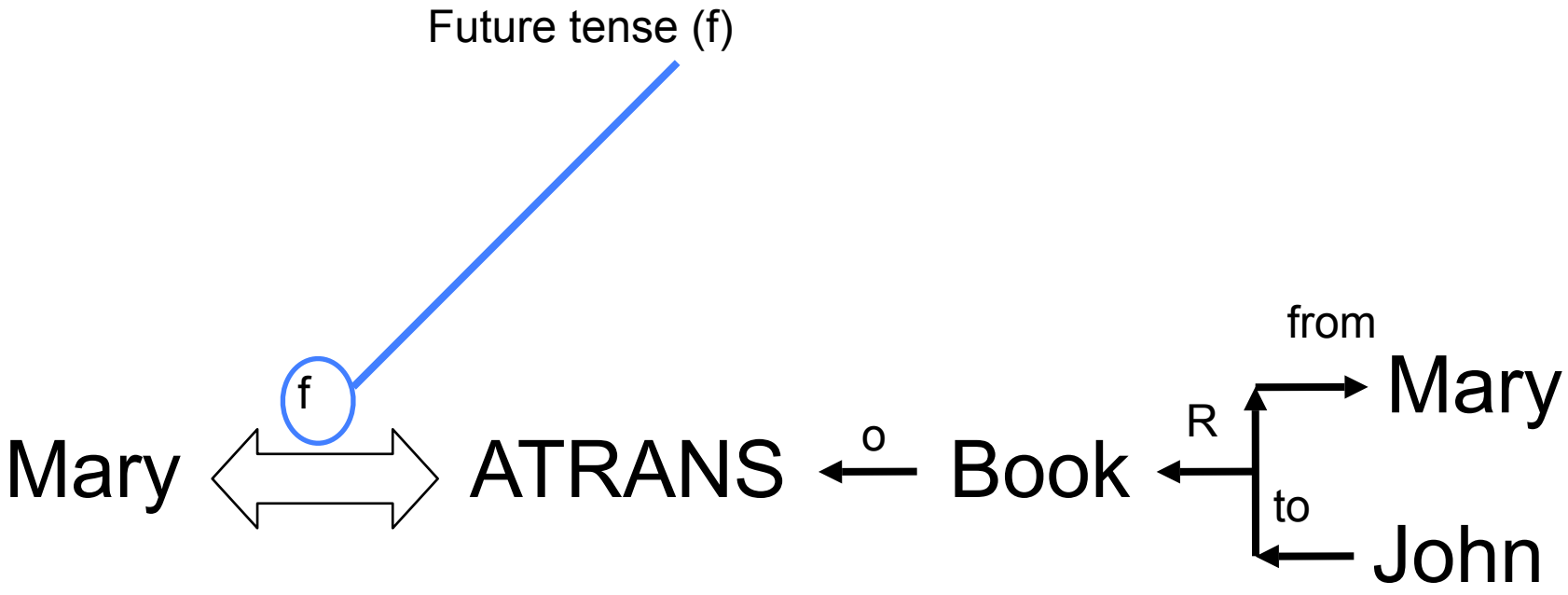
Mary gave John the book.


Mary
P
ATRANS
o
Book
R
from
Mary
to
John

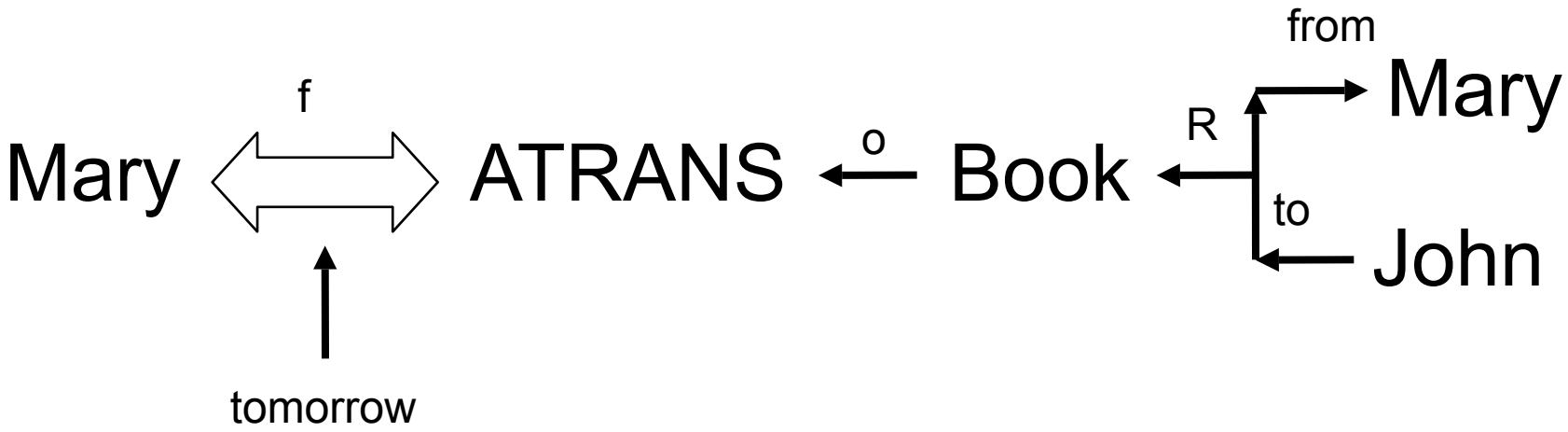

Past tense (P)
P
Mary
ATRANS
o
Book
R
from
Mary
to
John

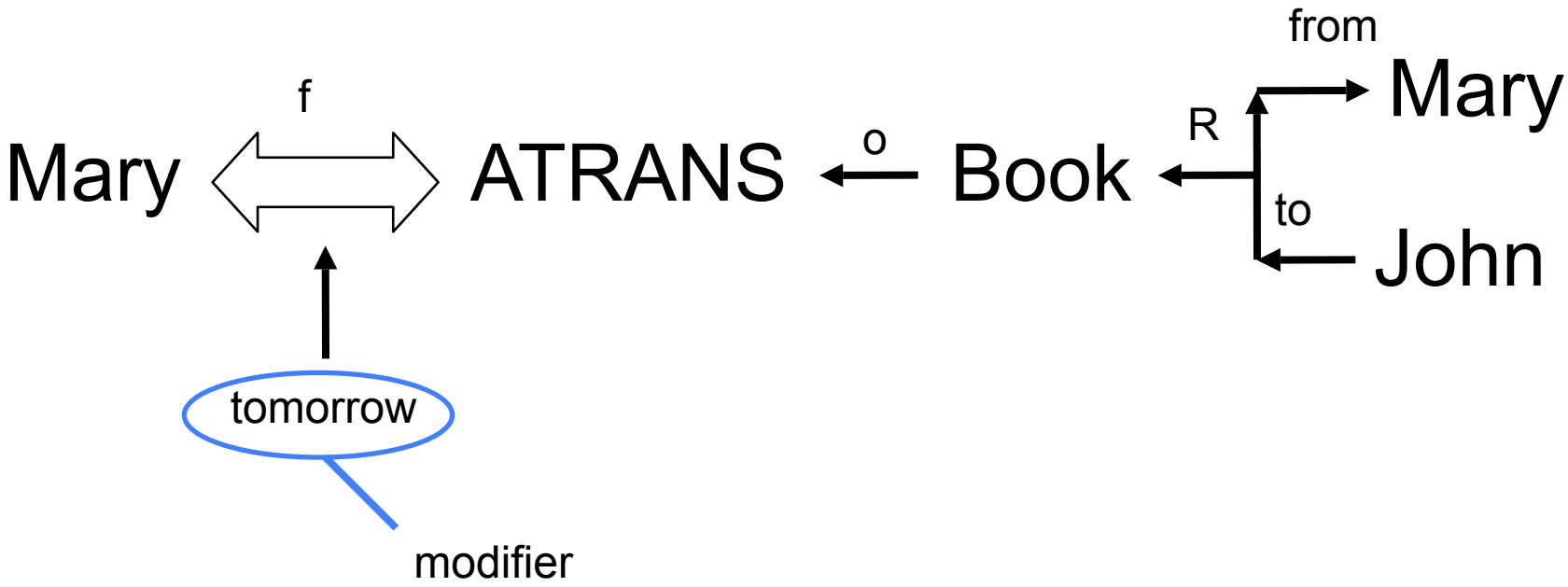
Mary will give John the book.


Mary
f
ATRANS
o
Book
R
from
Mary
to
John

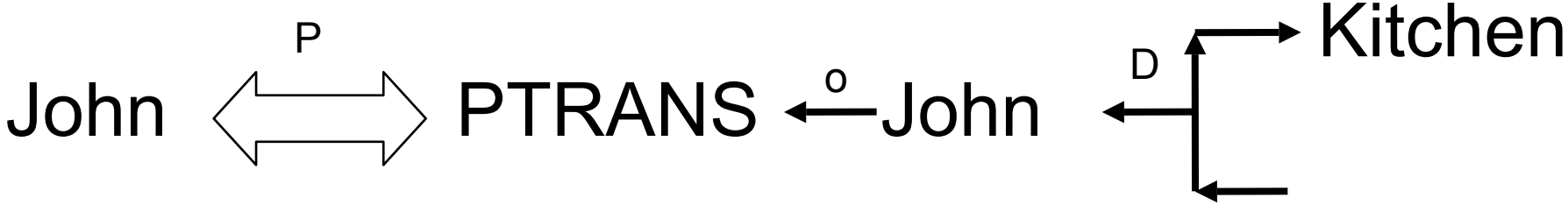

Future tense (f)
f
Mary
ATRANS
o
Book
R
from
Mary
to
John

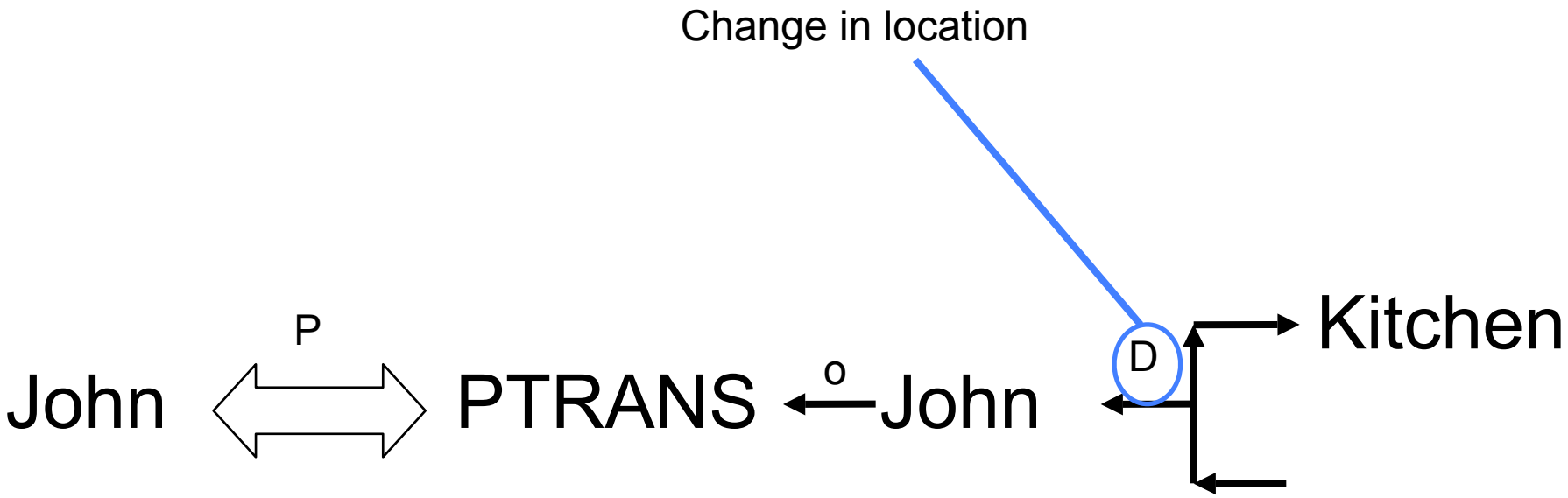
Mary will give John the book tomorrow.


Mary
f
tomorrow
ATRANS
o
Book
R
from
Mary
to
John


from
Mary
f
R
Mary
o
ATRANS
Book
to
John
tomorrow
modifier

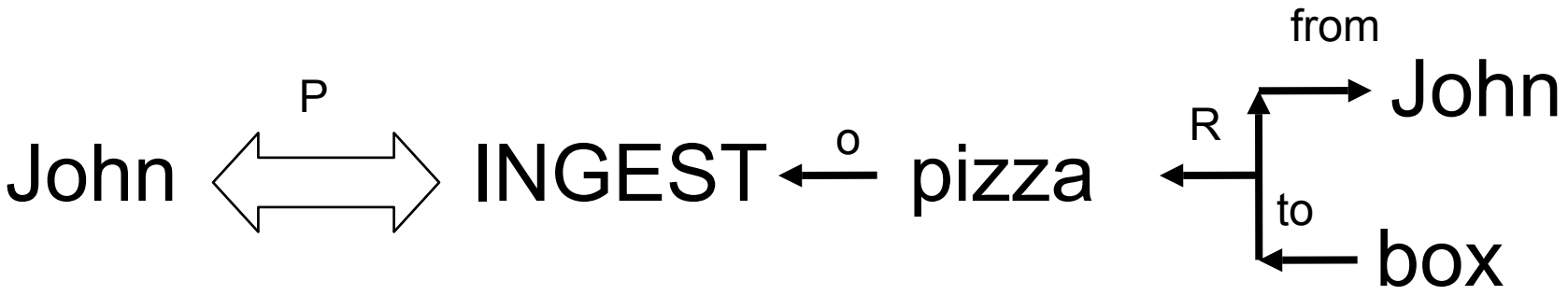
John went to the kitchen.


John
P
PTRANS
o
John
D
Kitchen

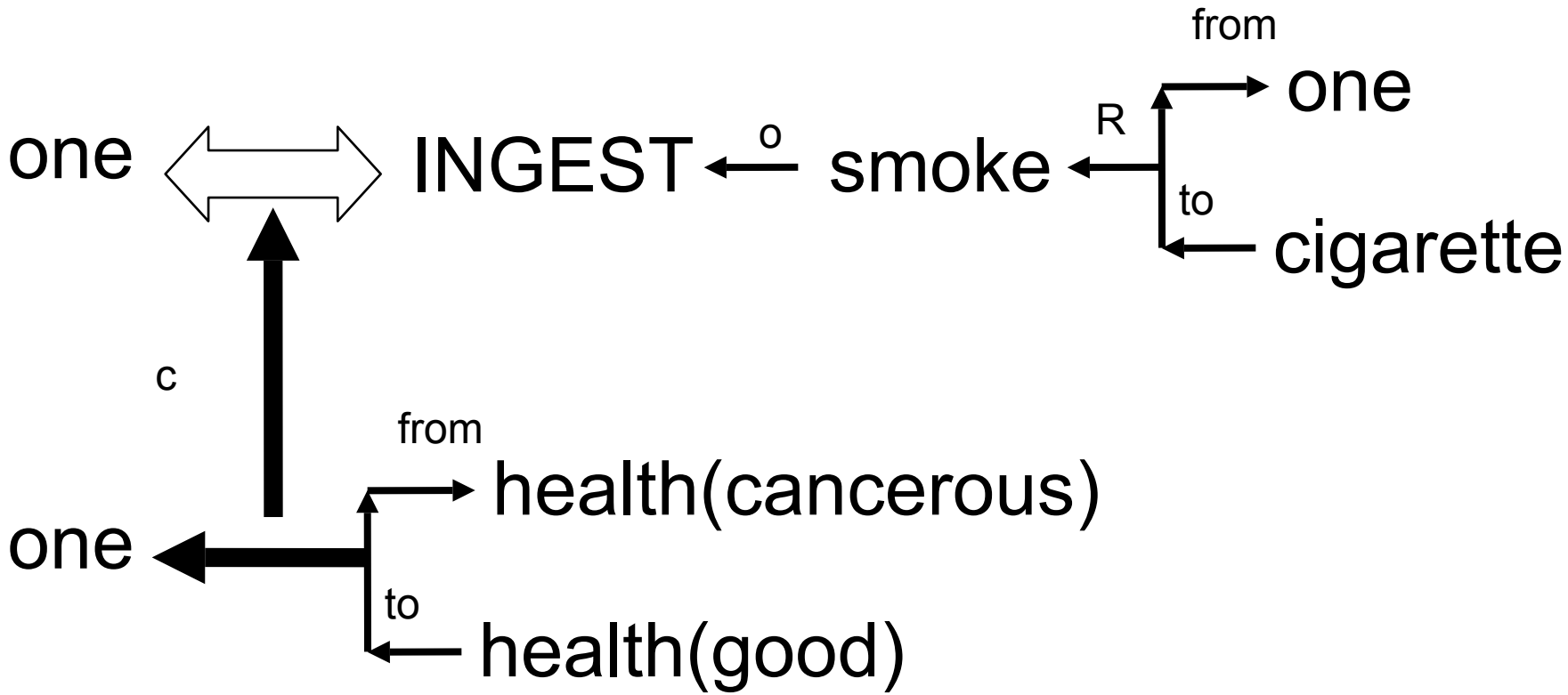

Change in location
P
John
PTRANS
o
John
D
Kitchen

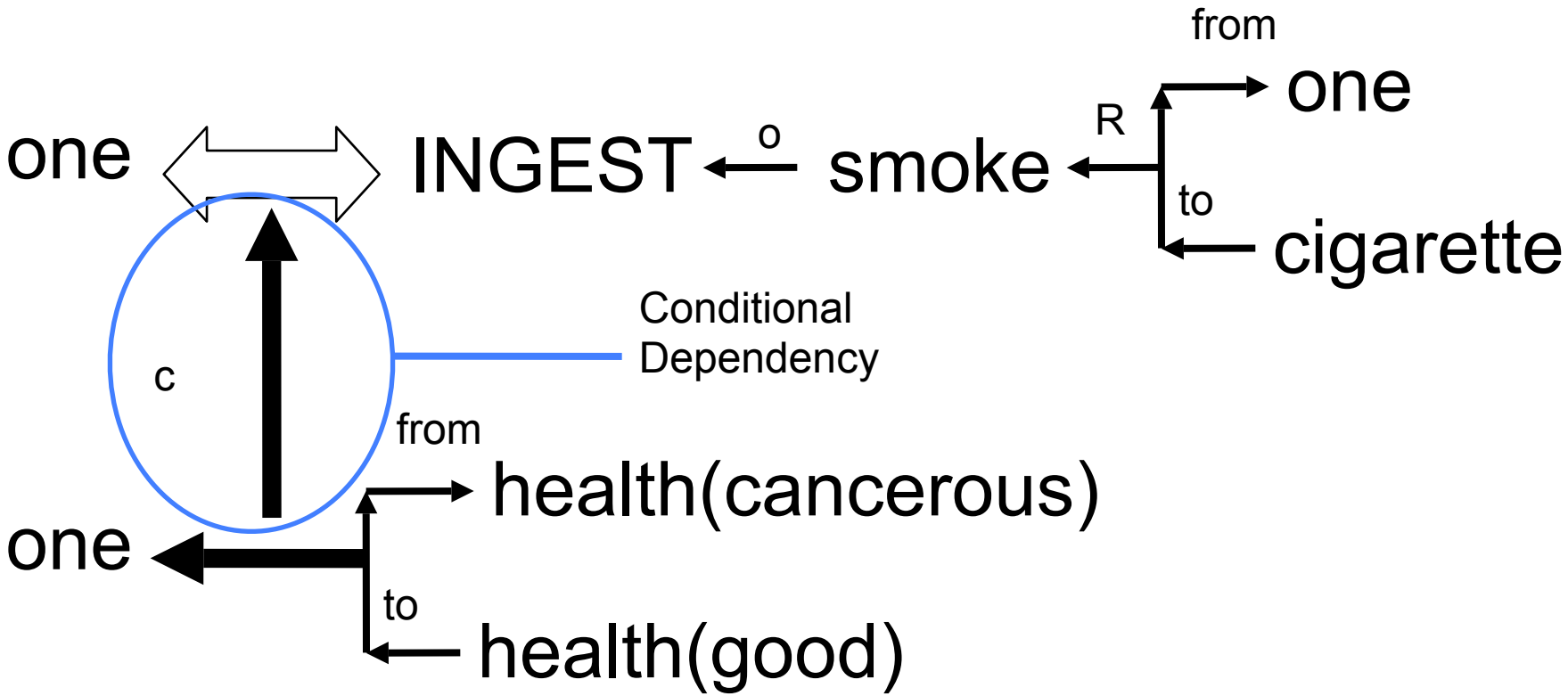
John ate a pizza.

P
John
INGEST
o
pizza

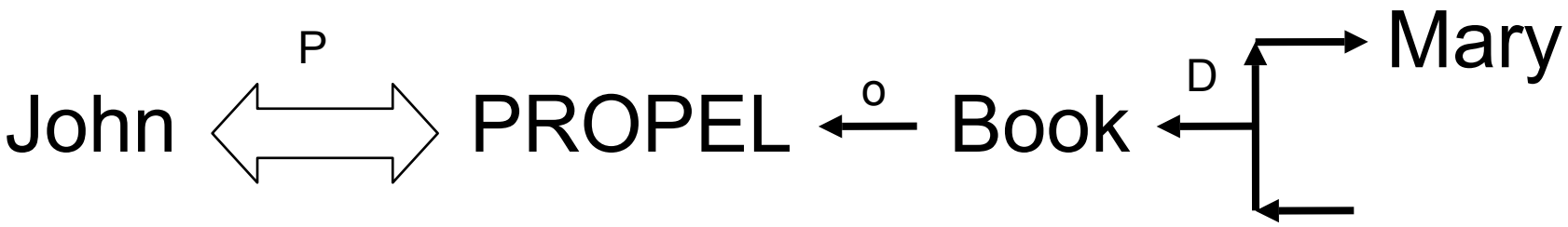

P
John
INGEST
o
pizza
from
John
R
to
box

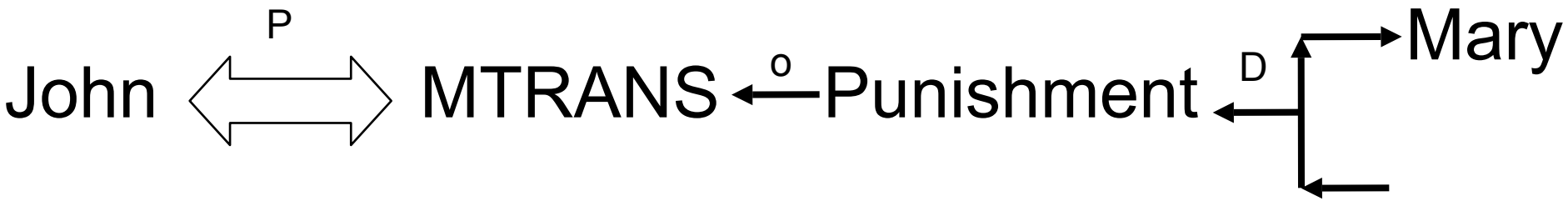
Smoking can give you cancer.


one
INGEST
o
smoke
R
from
one
to
cigarette
c
from
health(cancerous)
one
to
health(good)

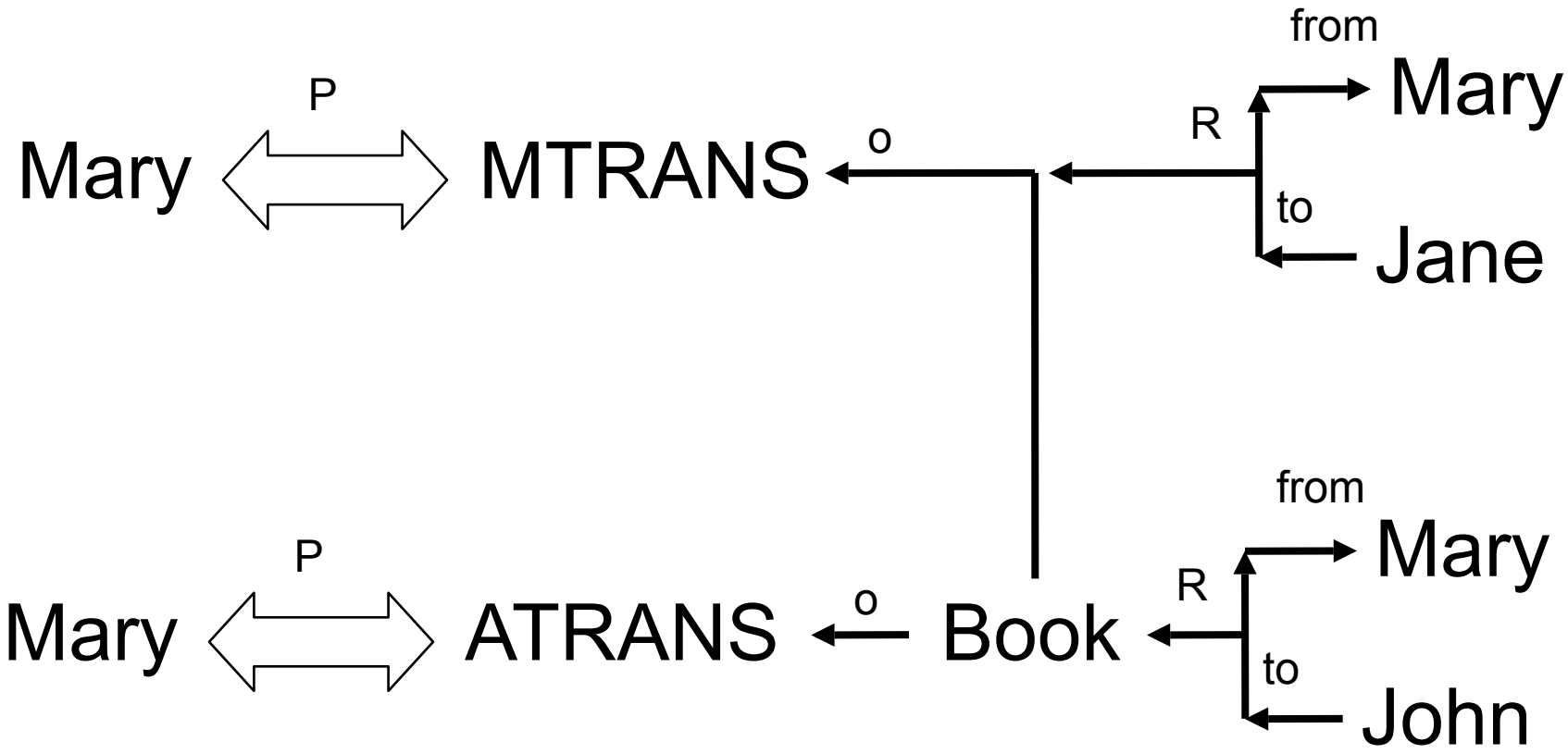

from
one
R
one
INGEST
o
smoke
to
cigarette
Conditional
Dependency
c
from
health(cancerous)
one
to
health(good)

John threw the book at Mary.


P
John
PROPEL
o
Book
D
Mary


P
John
MTRANS
o
Punishment
D
Mary

Mary told Jane that she gave John the book.


Mary
P
MTRANS
o
R
from
Mary
to
Jane
Mary
P
ATRANS
o
Book
R
from
Mary
to
John