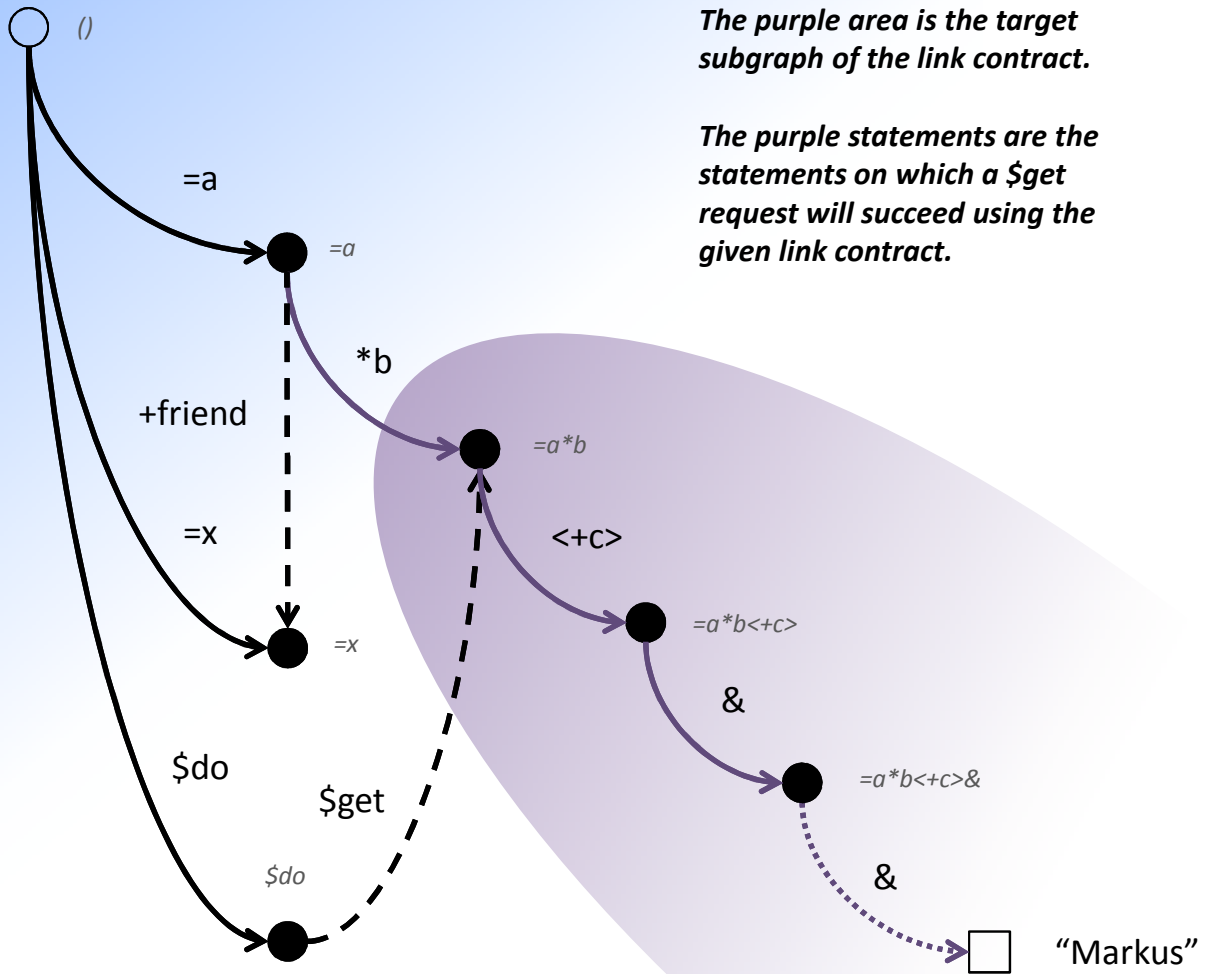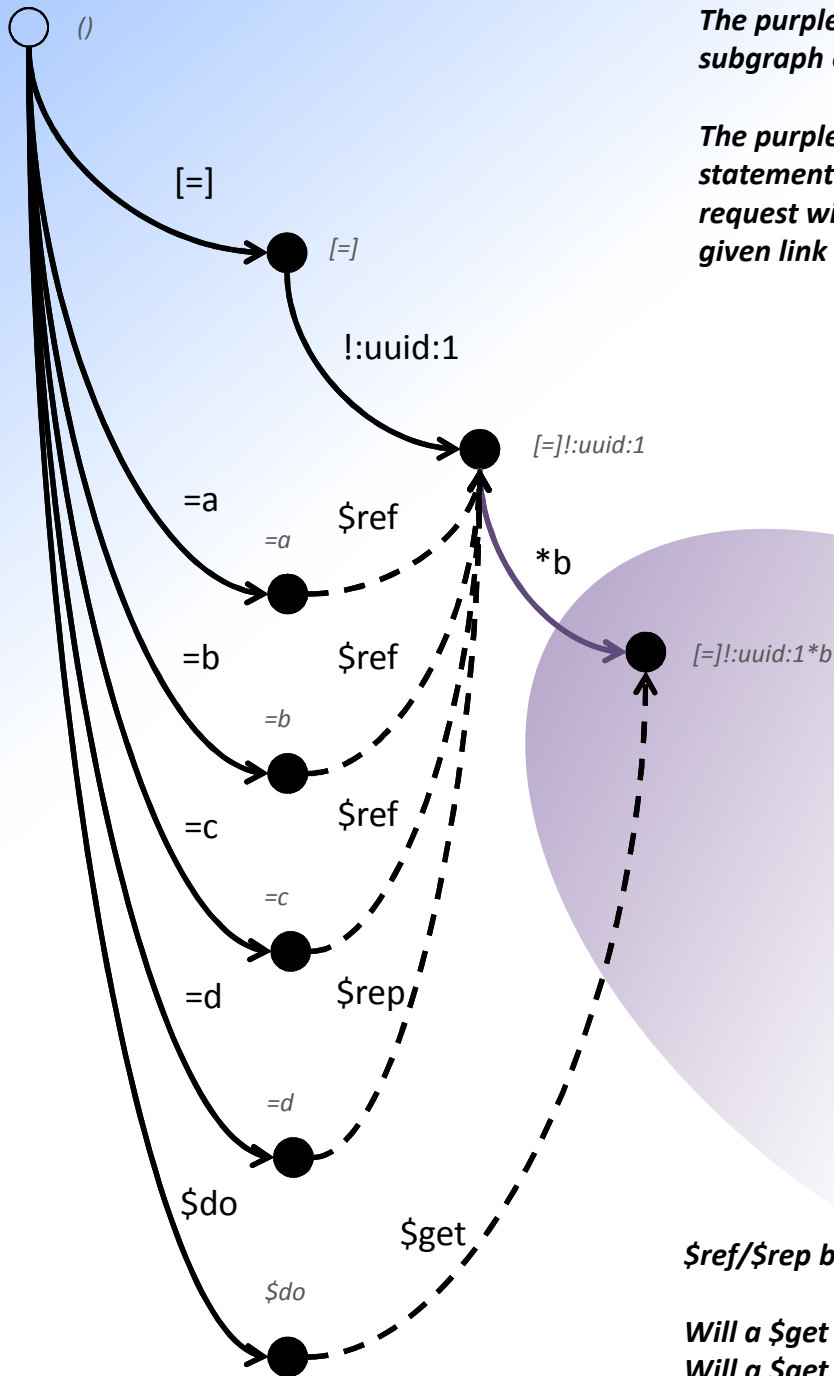# Quick Link Contract Riddle

The graph below contains a few simple XDI statements, and a link contract that allows $get operations on a certain subgraph.

The purple area is the target subgraph of the link contract.

The purple statements are the statements on which a $get request will succeed using the given link contract.

()

=a

=a

*b

+friend

=a*b

=x

<+c>

=x

=a*b<+c>

$do

$get

&

=a*b<+c>&

$do

&

"Markus"

Quick Link Contract Riddle

The graph below discuses a case where link contract functionality intersects with $ref/$rep functionality.

The purple area is the target subgraph of the link contract.

The purple statements are the statements on which a $get request will succeed using the given link contract.

()

[=]

[=]

!:uuid:1

[=]!:uuid:1

=a

$ref

=a

*b

=b

$ref

[=]!:uuid:1*b

=b

=c

$ref

=c

=d

$rep

=d

$do

$get

$do

$ref/$rep behavior:

*Will a $get on =a*b succeed?*
*Will a $get on =d*b succeed?*