#2

A	B	C
a_1	b_1	c_2
a_1	b_1	c_2
a_2	b_1	c_1
a_2	b_1	c_3

FD:

$A \to B$

$C \to B$

$AC \to B$

$A \to B$?

同样的 A 只能指向同样的 B.

$A \to B$?

$a_1 \to b_1$ ✓

$a \to b_1$

$A \to C$?

$a_2 \to c_1$ ✗

$a_2 \to c_3$

$B \to A$?

$b_1 \to a_1$ ✗

a_2

$B \to C$?

$b_1 \to c_1$ ✗

c_2

c_3

$C \to A$?

$c_1 \to a_2$

$c_2 \to a_1$ ✓

$c_3 \to a_2$

$C \to B$?

$c_1 \to b_1$

$c_2 \to b_1$ ✓

$c_3 \to b_1$

$AB \to C$?

$a_1 b_1 \to c_2$

$a_2 b_1 \to c_1$ ✗

c_3

$AC \to B$?

$a_1 c_2 \to b_1$

$a_2 c_1 \to b_1$ ✓

$a_2 c_3 \to b_1$

$BC \to A$?

$b_1 c_2 \to a_1$

$b_1 c_1 \to a_2$ ✓

$b_1 c_3 \to a_3$

$A \to BC$?

$a_1 \to b_1 c_2$

$a_2 \to c_1$ ✗

c_3

$B \to AC$?

$b_1 \to c_2$

c_2 ✗

c_3

$C \to AB$?

$c_1 \to a_2 b_1$

$c_2 \to a_1 b_1$ ✓

$c_3 \to a_2 b_1$

$A \to B$

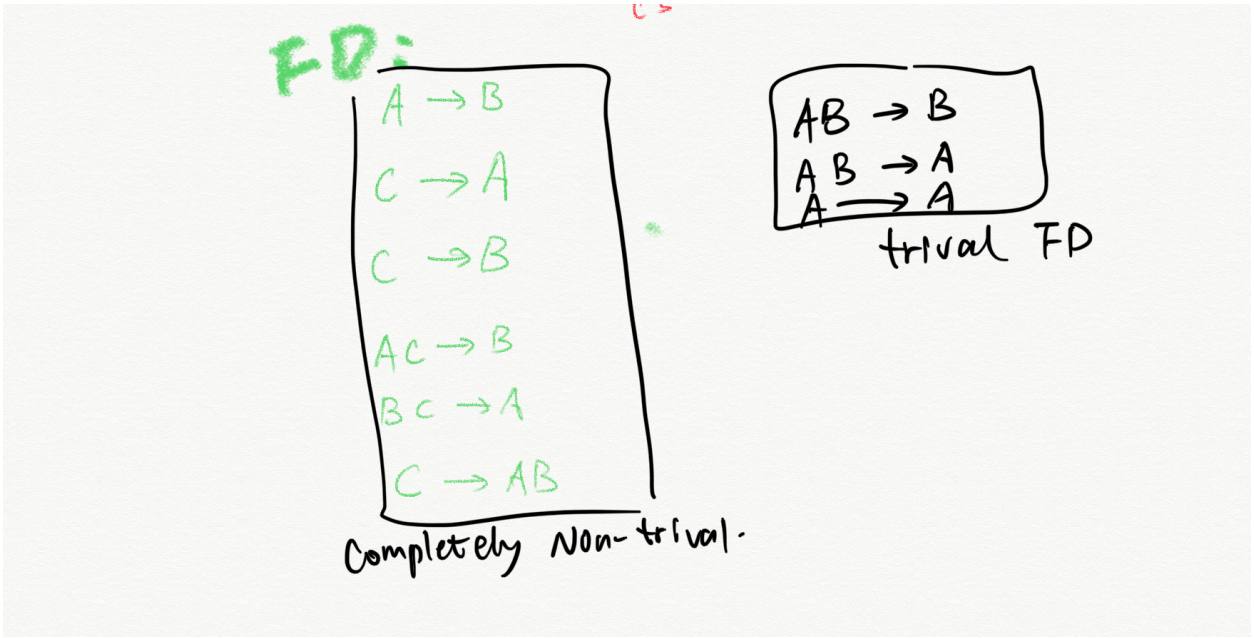
$C \to A$

$C \to B$

$AC \to B$

$BC \to A$

$C \to AB$


FD:
A → B
C → A
C → B
AC → B
BC → A
C → AB
Completely Non-trivial.
AB → B
AB → A
A → A
trival FD