1) Extracting association rules from interaction history
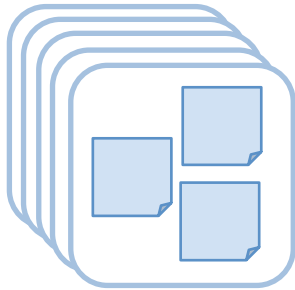
Interacted artifacts
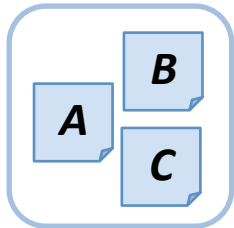

association rules

$\{A,B\} \Rightarrow X$ (conf=0.2,supp=0.05)
$\{A,C\} \Rightarrow Y$ (conf=0.8,supp=0.03)
$\{B,D\} \Rightarrow Z$ (conf=0.6,supp=0.1)

2) Perform change recommendation

Interacted artifacts

B
A
C

+

association rules

$\{A,B\} \Rightarrow X$ (score=0.2)
$\{A,C\} \Rightarrow Y$ (score=0.8)
$\{B,D\} \Rightarrow Z$ (score=0.6)

=

Change Recom. list

No.1   Y

No.2   X