

Initial State

stories
<story1, Bea,
"explicit text">

Replay Log

(1) Apply Disguise

stories

Replay Log

REMOVE DIFF
<story1, Bea, "explicit
text">

(2) Moderate Explicit Words

stories

Replay Log
[explicit moderation update executable)

REMOVE DIFF
<story1, Bea, "explicit
text">

(3) Reveal: Moderate Diffs

stories

Replay Log
[explicit moderation update executable)

REMOVE DIFF
<story1, Bea, "e*****
text">

(4) Reveal: Restore Diff Data

stories
<story1, Bea,
"e***** text">

Replay Log
[migration update executable)