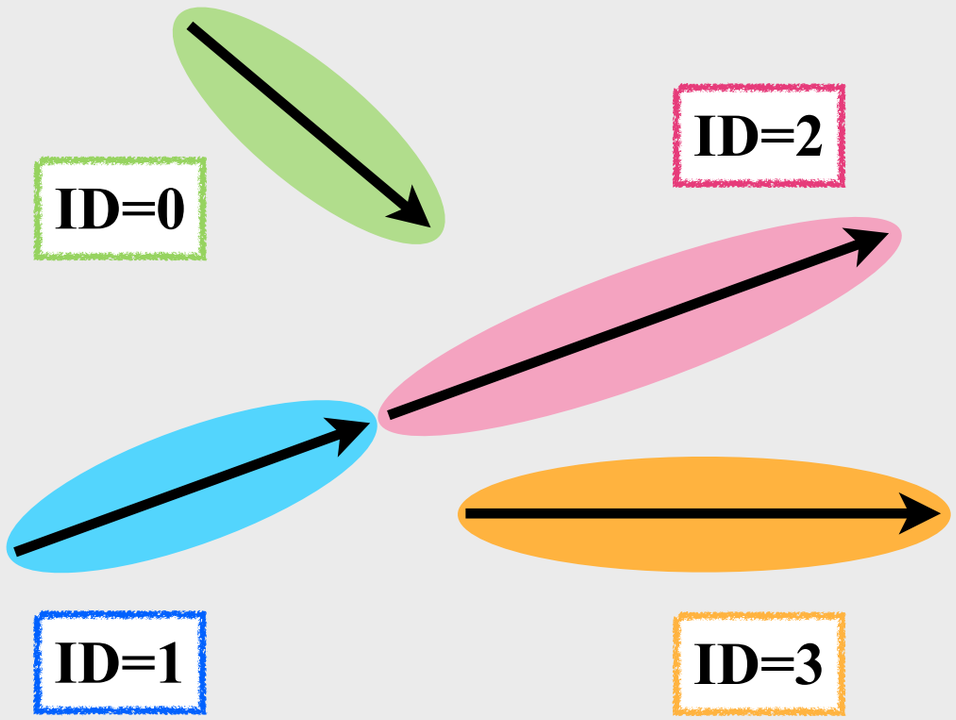
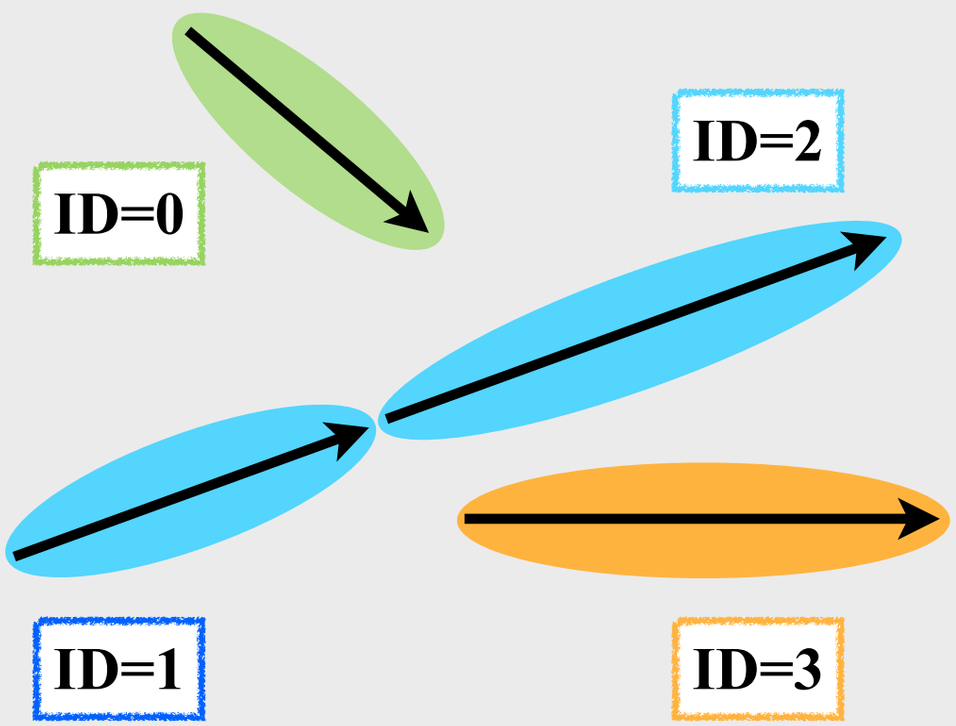
Initial State




After Merging