extract and move operation extract operation extract class extract method extract variable extract superclass extract subclass extract interface mov* method mov* package mov* class move operation move attribute move method move source folder pull up operation pull up method pull up attribute pull up field pull up constructor body reorganiz* code reorganiz* source code reorganiz* classes reorganiz* files restructur*

replace parameter

replace constructor

replace error code

replace exception

replace attribute

replace variable with attribute replace inheritance with delegation replace delegation with inheritance inline operation inline method inline variable push down operation push down method push down attribute push down field cleanup clean* up clear* up remov* obsolete remov* unused remove parameter remov* deprecat* remov* unnecessary remov* useless code removal dead code parameterize variable parameterize method introduce parameter object code polish* refact* renam*

style issues