

Queries

Change Asset Template

```
match (c:commit)-->(a:ArtefactEdit {change:"MODIFIED",
    type:'source'})
where
not (:FeatureEdit)<--(c) and
not (:MappingEdit)<--(c) and
not (:ArtefactEdit{type:'source',change:'ADDED'})
    <--(c) and not (:ArtefactEdit{type:'source',
    change:'REMOVED'})<--(c) and
not (c)-->(:ArtefactEdit {type:'build'}) AND
not (c)-->(:ArtefactEdit {type:'vm'})
return distinct c
```

Add Assets Template

```
match (file:ArtefactEdit)<--(c:commit)-->(mapping:
    MappingEdit)
WHERE
    not (c)-->(:FeatureEdit) AND
    not (c)-->(:MappingEdit{mapping_change:'MODIFIED'
    }) AND
    not (c)-->(:MappingEdit{mapping_change:'REMOVED'
    }) AND
    file.change='ADDED' AND
    mapping.target_change='ADDED' AND
    mapping.target_type='COMPILATION_UNIT' AND
    not (c)-->(:ArtefactEdit{type:'source',change:
    'MODIFIED'}) AND
    not (c)-->(:ArtefactEdit{type:'source',change:
    'REMOVED'}) AND
    file.name =~ ('.*'+substring(mapping.target,0,
    length(mapping.target)-2)+'.*')
return distinct c
```

Remove Assets Template

```
match (file:ArtefactEdit)<-[:TOUCHES]-(c:commit)-[:
  CHANGES_BUILD]->(mapping:MappingEdit)
WHERE
  not (c)-->(:FeatureEdit) AND
  not (c)-->(:MappingEdit{mapping_change:'MODIFIED'
    }) AND
  not (c)-->(:MappingEdit{mapping_change:'ADDED'})
  AND
  file.change='REMOVED' AND
  mapping.target_change='REMOVED' AND
  mapping.target_type='COMPILATION_UNIT' AND
  not (c)-->(:ArtefactEdit{type:'source',change:
    'MODIFIED'}) AND
  not (c)-->(:ArtefactEdit{type:'source',change:
    'ADDED'}) AND
  file.name =~ ('.*'+substring(mapping.target,0,
    length(mapping.target)-2)+'.*')
return distinct c
```

Change, Add, Remove CK Lines Templates

```
match (c:commit)-[:CHANGES_BUILD]->(:MappingEdit)
where
  not (c)-->(:ArtefactEdit {type:'source'}) and
  not (c)-->(:FeatureEdit)
return distinct c
```

Remove Feature Template

```
match (file:ArtefactEdit)<-[:TOUCHES]-(c:commit)-[:
  CHANGES_BUILD]->(mapping:MappingEdit)
WHERE
  (c)-->(:FeatureEdit{change:'Remove',name:
    mapping.feature}) AND
  file.change='REMOVED' AND
  mapping.target_change='REMOVED' AND
  mapping.target_type='COMPILATION_UNIT' AND
  not (c)-->(:ArtefactEdit{type:'source',change:
    'ADDED'}) AND
  file.name =~ ('.*'+substring(mapping.target,0,
    length(mapping.target)-2)+'.*')
return distinct c
```