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
     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
      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
```