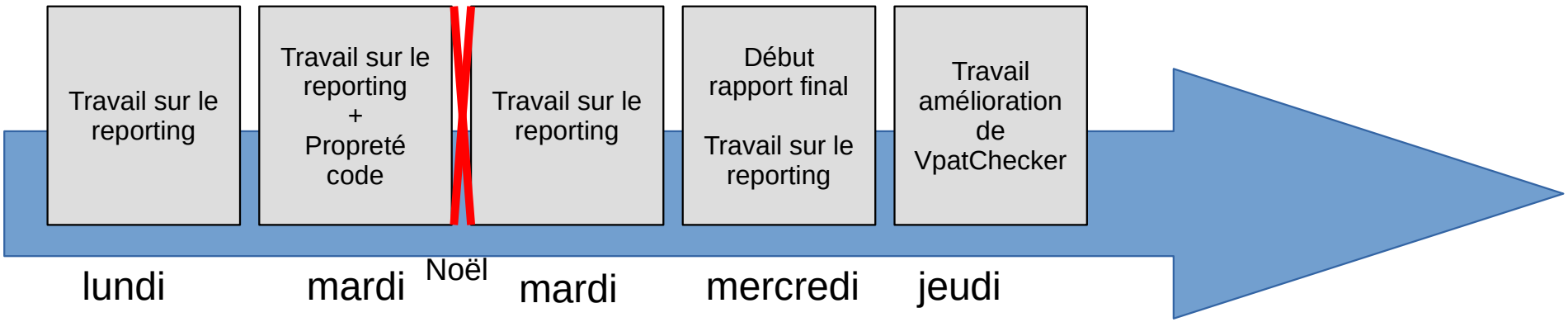
Réunion hebdomadaire 13 05/01/2023

Bonne année !

Overview de la semaine



Ivan BAHEUX *Semaine 52/01*

Reporting : La dernière fois

Exemple de rapports positifs :
- Vulnérabilité « log.d leak »

```
Report is positive for Vulnerability [["Log.d Leak"]
    {"Log.d kept in code makes it vulnerable to leakage of data"}
    NO STATICMODEL IMPLEMENTATION FOR NOW
    Sink -> SinkModel [name=log_d, parameters:
---  SourceModel [name=private, AnyValue]]
] - TestPath {fr.castav.lcis.Checker.model.TestPaths$TestPath@4417af13}

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```

Reporting : Maintenant

```
------------ Debug information for ABSTRACT_SM ------------
 =====> vulnerableFunc has :
  Total tested 35
  Negatives    5
  Positives    30
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_0
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_1
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_2
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_3
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_4
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_5
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_7
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_8
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_10
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_11
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_12
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_13
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_14
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_16
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_17
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_18
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_19
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_20
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_21
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_22
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_23
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_24
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_25
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_26
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_28
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_29
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_31
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_32
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_33
  Positive -> <OUTPUT_FOLDER>/vulnerableFunc/ABSTRACT_SM/vulnerableFunc_34
```

```
=====> Log.d_Leak has :
 Total tested 35
 Negatives    25
 Positives    10
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_2
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_6
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_8
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_9
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_11
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_15
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_18
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_22
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_27
 Positive -> <OUTPUT_FOLDER>/Log.d_Leak/ABSTRACT_SM/Log.d_Leak_30
-------------------------------------------------------------
```

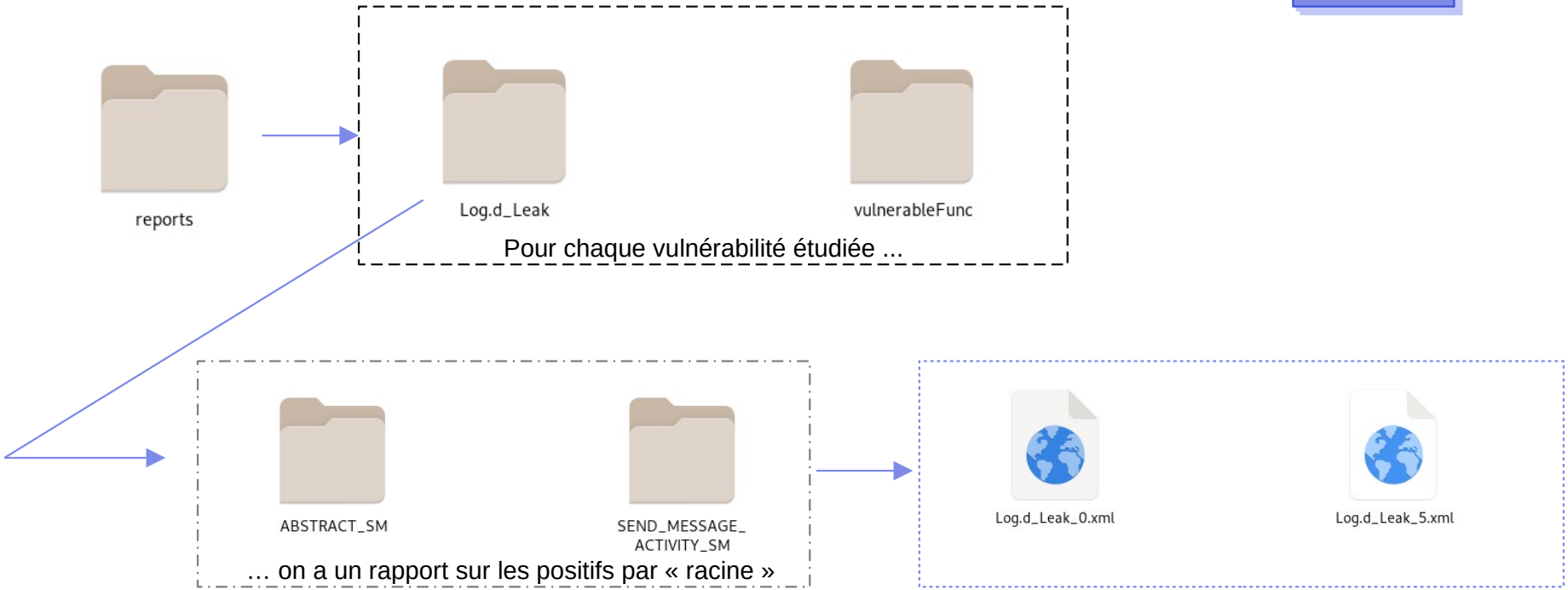
Ceci est l'affichage dans la console lorsqu'on active le debug

Informations :

- Par « racine » :

Nombre de positifs et négatifs à une vulnérabilité

Reporting : Maintenant



Rapport final : plan

Plan du rapport final

Ou directement le
lien si on préfère

https://gricad-gitlab.univ-grenoble-alpes.fr/castav/reports/-/raw/main/Other/KTH_degree_project_report.pdf

Travail à venir

Prévisionnel pour la suite :

Avancer le rapport final

Travail sur le tri / la classification des patterns
Fin du travail sur l'input
Faire plus de tests
Ajouter le contexte statique : Version android (minsdk, target…)
Configuration réseau
→ peut se faire en ayant juste l'accès au manifest
→ « trivial » mais prend du temps