

benchmarkx



<reloaded>



Families metamodel

FamilyRegister

families
Inverse
0..1

families
0..*

Family

+ familyName : String

father
Inverse
0..1

mother
Inverse
0..1

sons
Inverse
0..1

father
0..1

mother
0..1

sons
0..*

daughters
0..*

FamilyMember

+ firstName : String

Persons metamodel

PersonRegister

persons
Inverse
0..1

persons
0..*

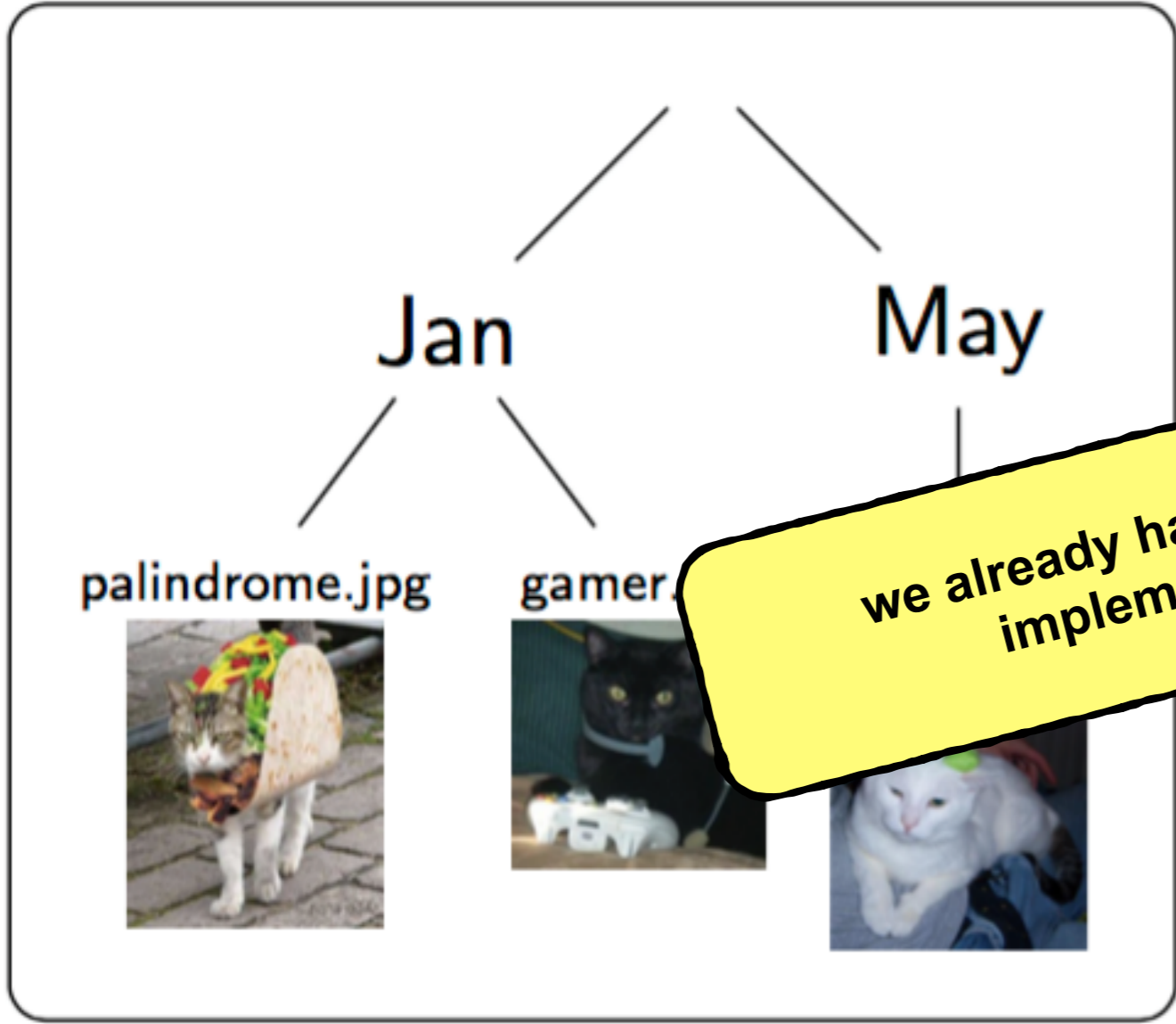
Person

fullName : String
+ birthday : Date

Male

Female

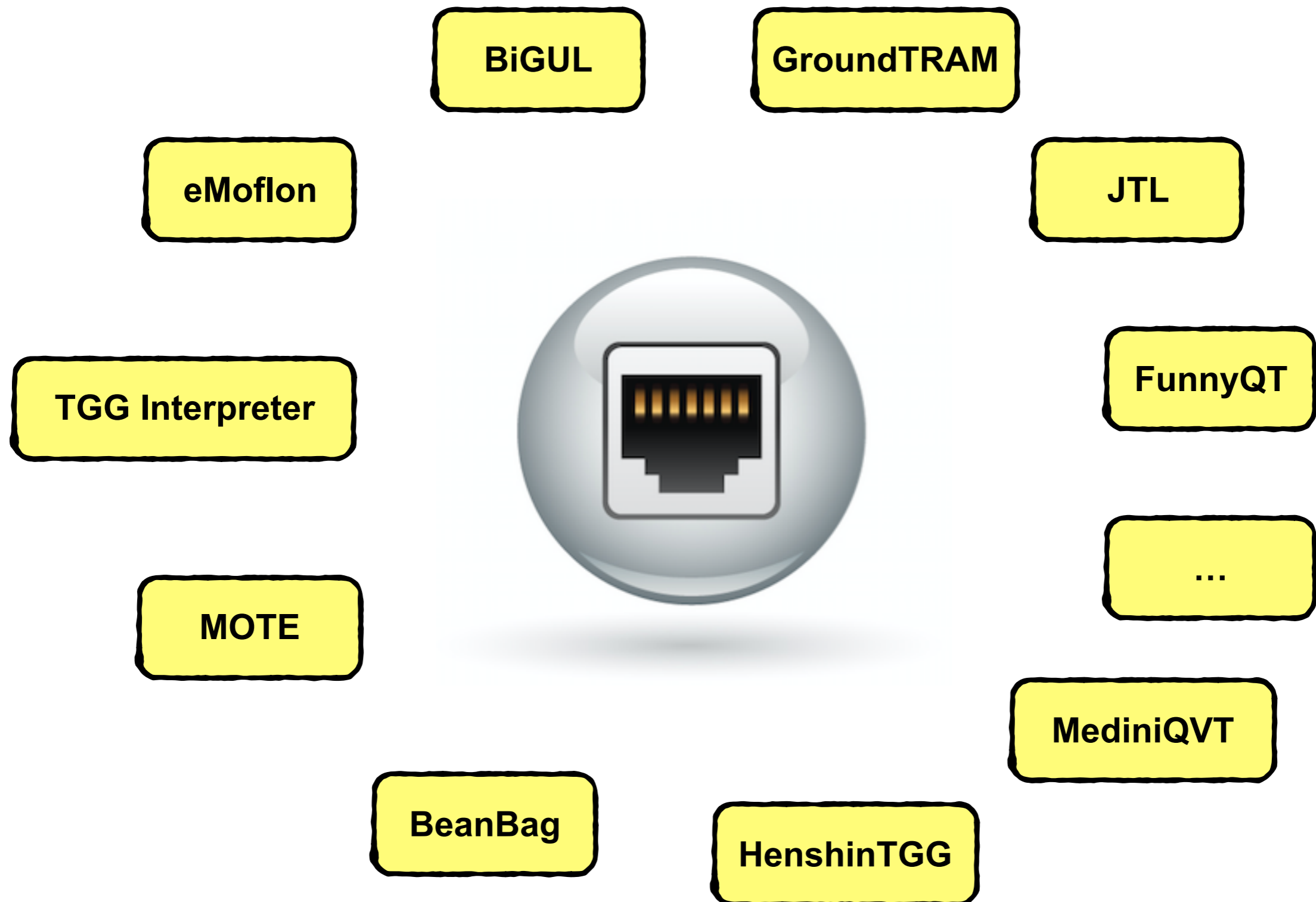
no one started screaming ...
(so seems to be ok as a first example)



we already have quite a few implementations!

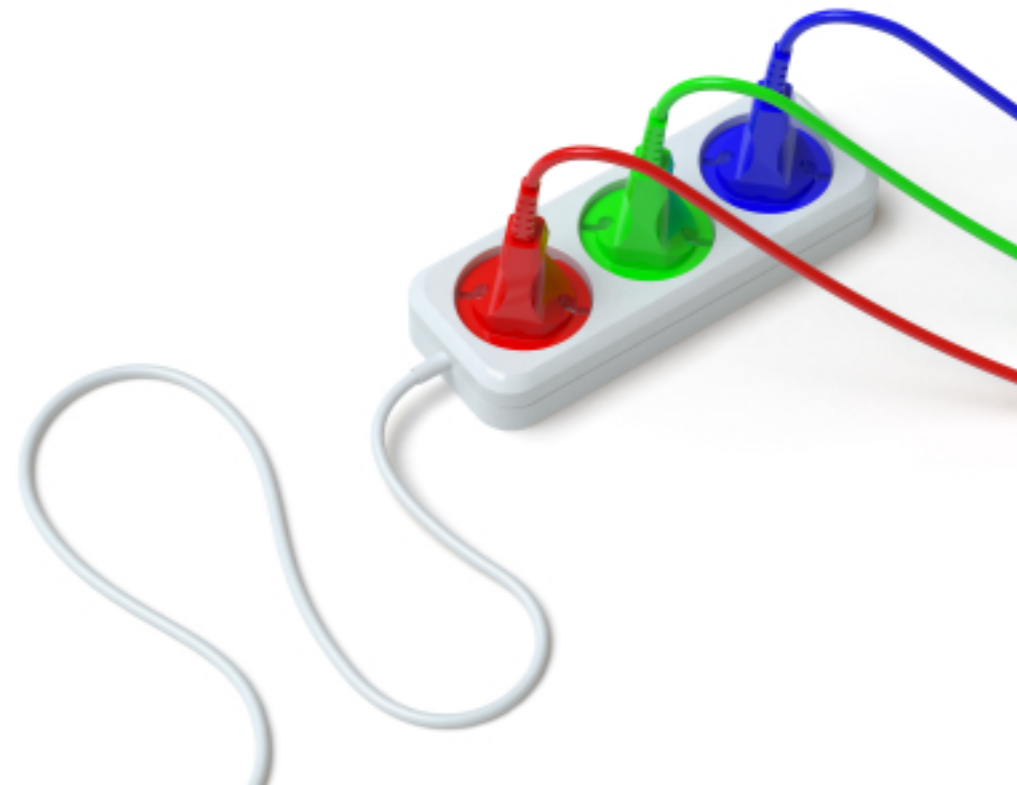
[costume, food]
[costume]
[costume]

Heterogeneity



Heterogeneity

1. Structure the test suite carefully:
 - take diverse BX tool features into account
 - specify the **rationale** for each test case
2. Aim more for a benchmark **framework**:
 - new examples can be “easily” established
 - tool “adapters” can be added with time



The Oracle Challenge



The Oracle Challenge

1. Check “correctness” or plausibility via reviews, **community** effort (submission @ BX 2017, TTC 2017?)
2. Leverage heterogeneity by asking **participants** to extend the basic test suite





1. There will be an **executable** benchmark
2. It's success or failure depends on **you**
(particularly bx tool developers)