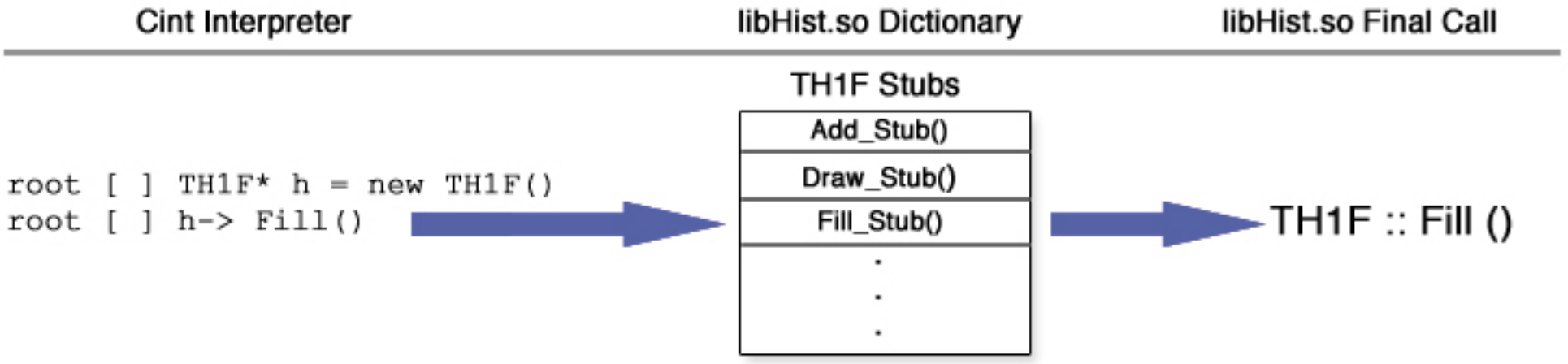
Stubs Removal of Inherited Virtual Methods

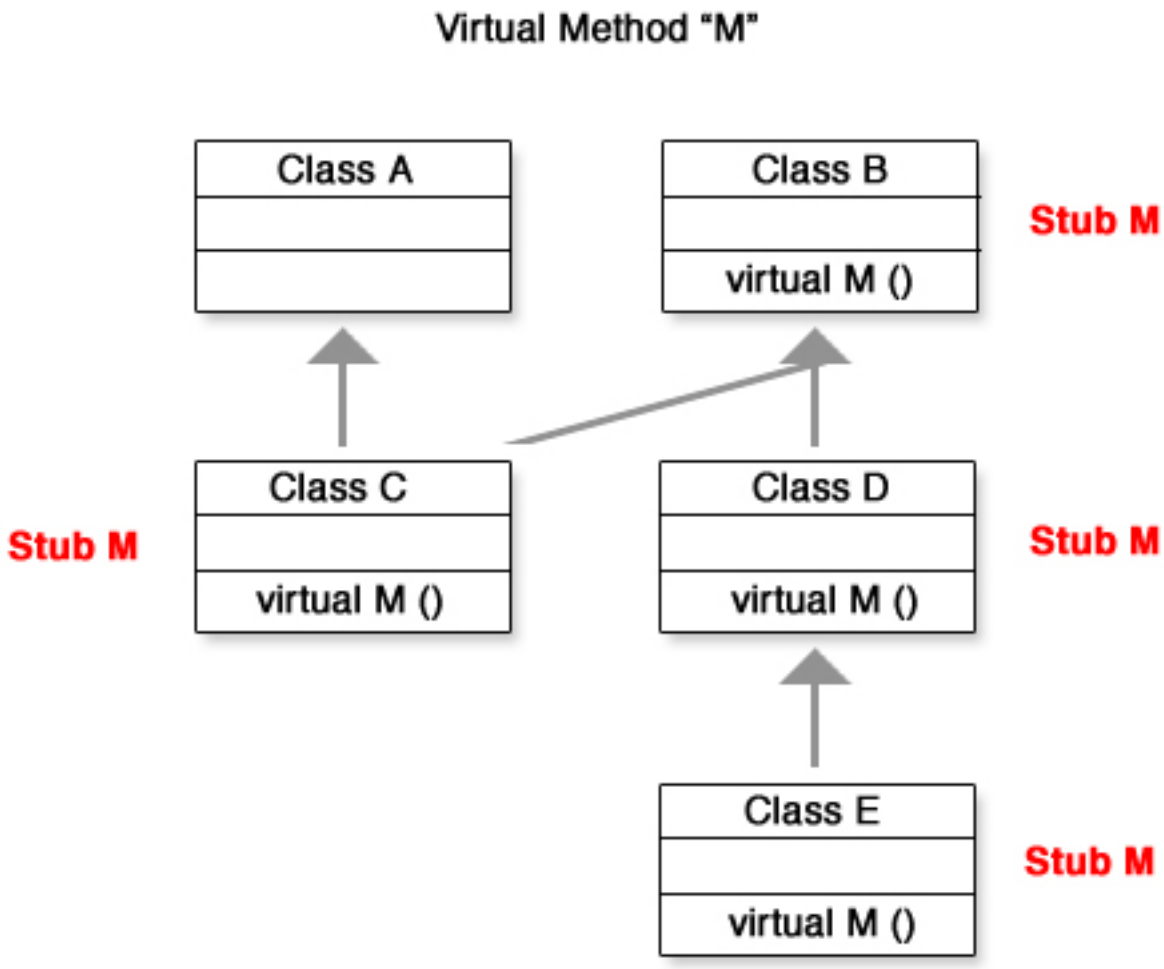
Dictionaries Reduction - Episode 1

- Diego Marcos Segura -

- Stub's Mechanism -



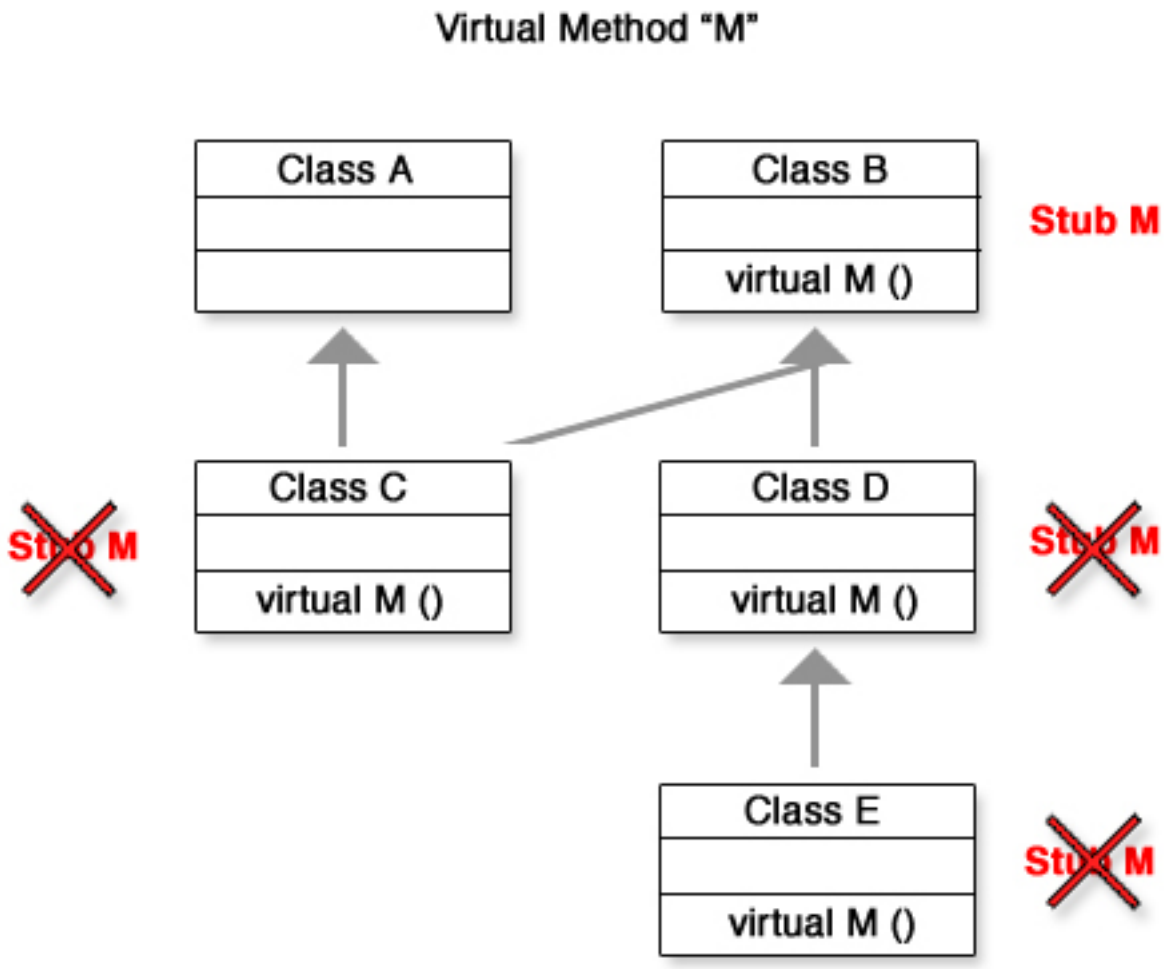
- Improvement Scenario and idea -



- We only keep the stub in the base class

- Let C++ Virtual function mechanism call the proper method

- Improvement Scenario and idea -



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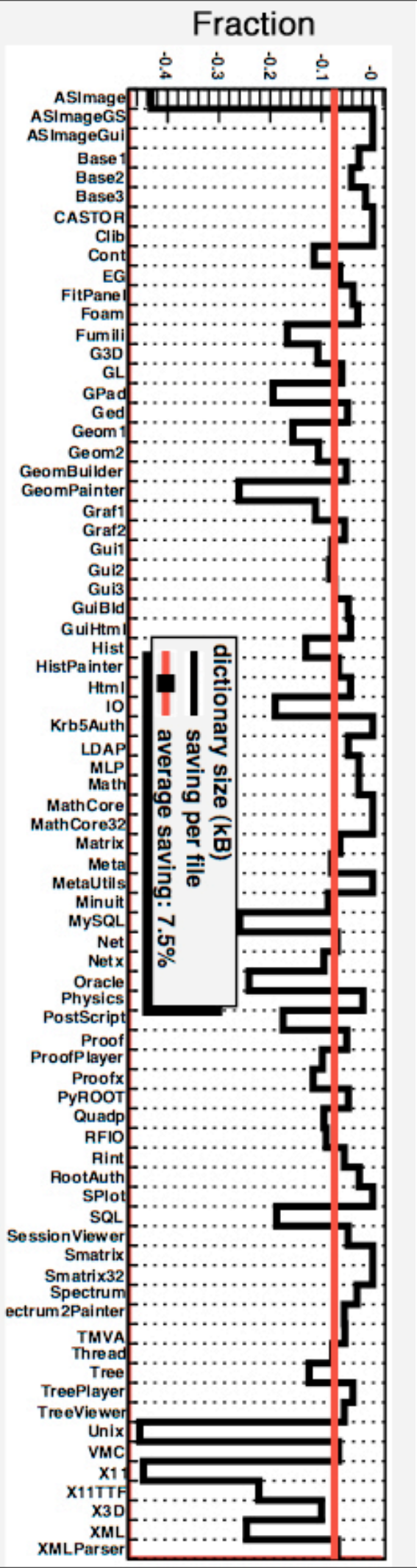
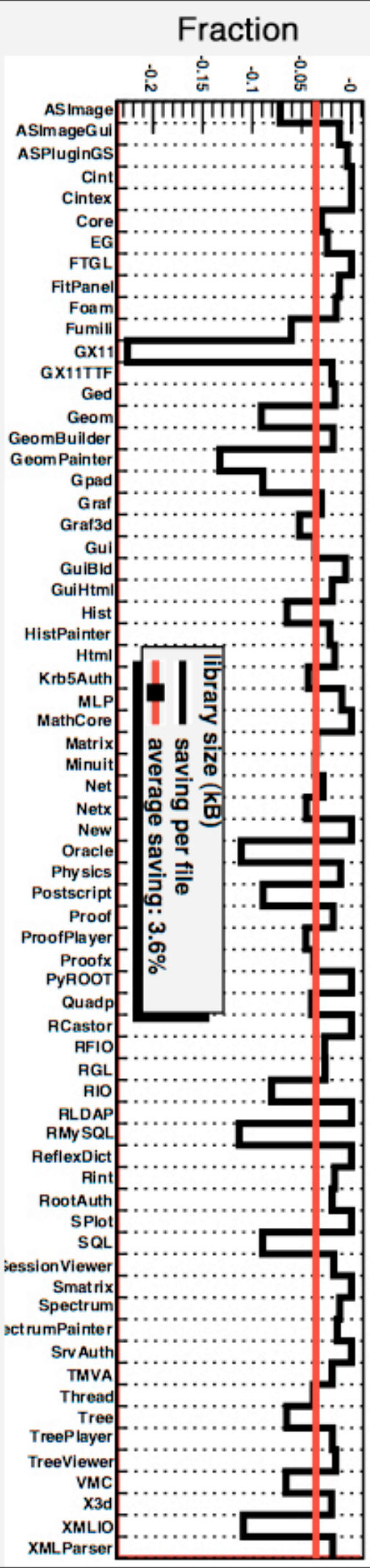

Fraction
-0.4
-0.3
-0.2
-0.1
-0
ASImage
ASImageGS
ASImageGui
Base1
Base2
Base3
CASTOR
Clib
Cont
EG
FitPanel
Foam
Fumili
G3D
GL
GPad
Ged
Geom1
Geom2
GeomBuilder
GeomPainter
Graf1
Graf2
Gui1
Gui2
Gui3
GuiBld
GuiHtml
Hist
HistPainter
Html
IO
Krb5Auth
LDAP
MLP
Math
MathCore
MathCore32
Matrix
Meta
MetaUtils
Minuit
MySQL
Net
Netx
Oracle
Physics
PostScript
Proof
ProofPlayer
Proofx
PyROOT
Quadp
RFIO
Rint
RootAuth
SPlot
SQL
SessionViewer
Smatrix
Smatrix32
Spectrum
ectrum2Painter
TMVA
Thread
Tree
TreePlayer
TreeViewer
Unix
VMC
X11
X11TTF
X3D
XML
XMLParser
dictionary size (kB)
saving per file
average saving: 7.5%


Fraction
-0.2
-0.15
-0.1
-0.05
-0
ASImage
ASImageGui
ASPluginGS
CInt
Cintex
Core
EG
FTGL
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Netx
New
Oracle
Physics
Postscript
Proof
ProofPlayer
Proofx
PyROOT
Quadp
RCastor
RFIO
RGL
RIO
RLDAP
RMySQL
ReflexDict
Rint
RootAuth
SPlot
SQL
SessionViewer
Smatrix
Spectrum
SpectrumPainter
SrvAuth
TMVA
Thread
Tree
TreePlayer
TreeViewer
VMC
X3d
XMLIO
XMLParser
library size (kB)
saving per file
average saving: 3.6%

The first step in dictionaries reduction

- Stub Functions Removal in selected platforms -

- Writing the reflection information in .root files -