



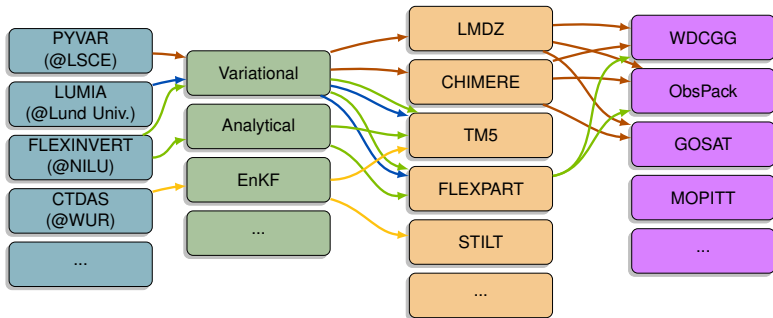
VERIFY General Assembly

The Community Inversion Framework (CIF): A bridge between inversion teams and inventory agencies?



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Rational for federating efforts: prior landscape



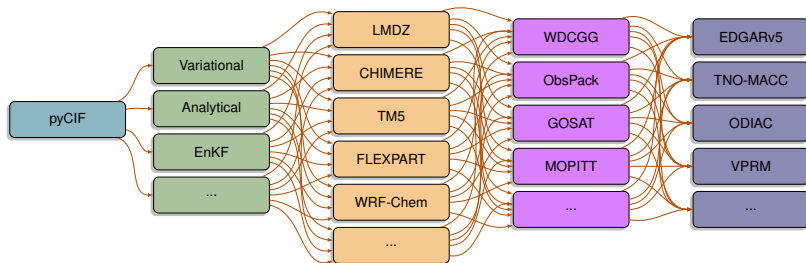
Pros

- ✓ dynamic community
- ✓ necessary and fruitful diversity

Cons

- ✗ redundant developments
- ✗ loss of efficiency to propagate new developments
- ✗ lack of inter-comparability

New community system



Objectives

- ✓ rationalize efforts
- ✓ foster cross-compatibility

How?

- common standard
- single programming framework



Benefits from inventory agencies

Standardized interface for dissemination of inventories

- standardized coding framework
- step-by-step procedure to implement new emission data base into CIF
- instantaneous dissemination in projects

⇒ guarantee of proper processing of emissions by inversion teams

⇒ no risk of unit errors, regriding mistakes, etc.



Benefits for inventory agencies

A user-friendly toolbox for direct use by agencies

- extensive documentation and library of tutorials
- community of users and developers for support
- various models and data-streams applicable to various situations

⇒ possibility for agencies to test national inventories themselves in benchmark cases