All numbers are fake
This document just describes a plan for processing data.

***cbmcfs3_runner* pipeline - Data flowchart**
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Input data creation
This database is created by R.P. using national data sources along with many manually "expert knowledge" interventions and corrections.
Mostly undocumented and not scripted.

Source "The National Forest inventories" (NFI).
(*Historical inventory*)

Source is "Food and Agriculture Organization". Called FAO stat.
(*Historical harvest*)

calibration.mdb

Generate CSV files
Converts the calibration database to several CSV

yield.csv
dist_events.csv
transition_rules.csv
ageclass.csv
inventory.csv
dist_types.csv
classifiers.csv
Manually edited

Preprocessor
Filter certain row out of the disturbance events

yield.csv
dist_events_filtered.csv
transition_rules.csv
ageclass.csv
inventory.csv
dist_types.csv
classifiers.csv

DisturbanceCreator
For the future period

Economic model
GFTM

Combine CSV To XSL
Combine the CSVs into a multi-sheet excel file.

Assocation
Maps the name of administrative, ecology region, species, disturbances between the calibration.db and the aidb

CreateJSON
Generate the JSON file.

Manually edited
assocations.csv

input.xls
config.json

StandardImportToolPlugin
- Written in Microsfot Visual Studio C#
- Open source
- Binary distribution

aidb_eu.mdb

project.mdb

Middle Processor
Modify the Access Database after its creation by SIT but before consumption by CBM

StandardImportToolPlugin
Called again to change historical yields for carbon pool initialization

cbm3_python
- Written in Python
- Open source
- Wrapper scripts to call CBM

project.mdb

Custom Post Processing
Written in Python

coefficients.csv

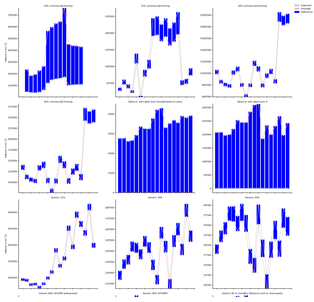
Harvest
Written in Python

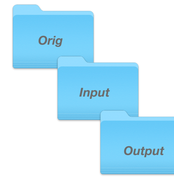
Inventory
Written in Python

Products
Written in Python

silviculture.sas

(i) Visulaize: Harvest, Stock, Inventory, etc. can be visualized in various ways.



(ii) Report: Produce a PDF reports containing statistics and summarizing the run of the pipeline.
This is useful for checking that everything went well.

(iii) Data: Provide access to all the data that was generated