Part I Qualitative model Packages (ODYM) **ODYM** framework Packages (biODYM) Load ODYM via local path. ODYM_classes plotly.graph_objects - Install packages via pip terminal ODYM_functions and load via "import" in notebook. ipywidgets dynamic_stock_model xlsxwriter matplotlib.pyplot scipy.stats System aspect Time ystem aspect Eleme - Model initiating routines are very Dimension = Time (t) rigid, so no need to change a lot. If more Elements (e.g. Nitrogen) Items = MyYears Items = Good, Carbon or more years should be considered, they can be easily - System components (P, F, S) Define Processes (P) have no values yet but empty - ODYM data base is the model ProcessLis foundation. The further procedures always refer to it. Define Flows (F) P_Start & P_End FlowDict Define Stocks (S)

ODYM data base

StockDict

biODYM quick-start manual





