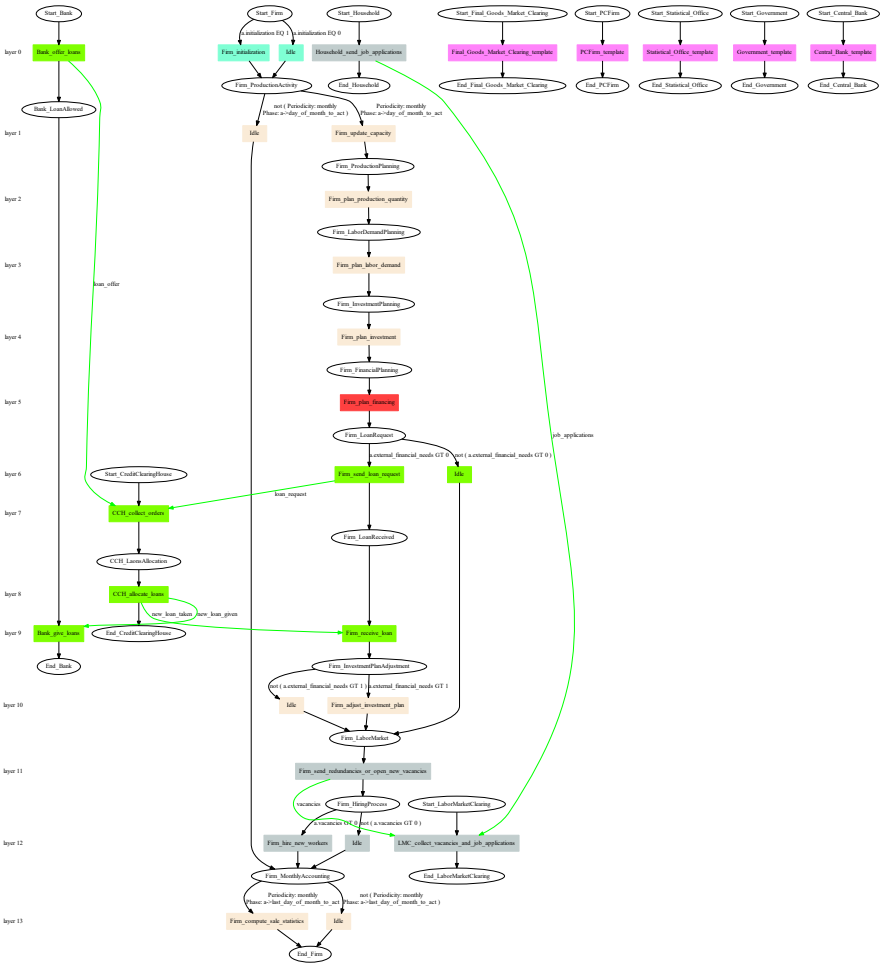
Start_Bank
Start_Firm
Start_Household
Start_Final_Goods_Market_Clearing
Start_PCFirm
Start_Statistical_Office
Start_Government
Start_Central_Bank
layer 0
Bank_offer_loans
Firm_initialization
Idle
Household_send_job_applications
Final_Goods_Market_Clearing_template
PCFirm_template
Statistical_Office_template
Government_template
Central_Bank_template
Firm_ProductionActivity
End_Household
End_Final_Goods_Market_Clearing
End_PCFirm
End_Statistical_Office
End_Government
End_Central_Bank
Bank_LoanAllowed
not (Periodicity: monthly
Phase: a->day_of_month_to_act)
Periodicity: monthly
Phase: a->day_of_month_to_act
layer 1
Idle
Firm_update_capacity
Firm_ProductionPlanning
layer 2
Firm_plan_production_quantity
Firm_LaborDemandPlanning
layer 3
Firm_plan_labor_demand
loan_offer
Firm_InvestmentPlanning
layer 4
Firm_plan_investment
Firm_FinancialPlanning
layer 5
Firm_plan_financing
Firm_LoanRequest
job_applications
a.external_financial_needs GT 0
not (a.external_financial_needs GT 0)
layer 6
Start_CreditClearingHouse
Firm_send_loan_request
Idle
layer 7
CCH_collect_orders
loan_request
Firm_LoanReceived
CCH_LoanAllocation
layer 8
CCH_allocate_loans
new_loan_taken
new_loan_given
layer 9
Bank_give_loans
End_CreditClearingHouse
Firm_receive_loan
End_Bank
Firm_InvestmentPlanAdjustment
not (a.external_financial_needs GT 1)
a.external_financial_needs GT 1
layer 10
Idle
Firm_adjust_investment_plan
Firm_LaborMarket
layer 11
Firm_send_redundancies_or_open_new_vacancies
vacancies
Firm_HiringProcess
Start_LaborMarketClearing
a.vacancies GT 0
not (a.vacancies GT 0)
layer 12
Firm_hire_new_workers
Idle
LMC_collect_vacancies_and_job_applications
Firm_MonthlyAccounting
End_LaborMarketClearing
Periodicity: monthly
Phase: a->last_day_of_month_to_act
not (Periodicity: monthly
Phase: a->last_day_of_month_to_act)
layer 13
Firm_compute_sale_statistics
Idle
End_Firm