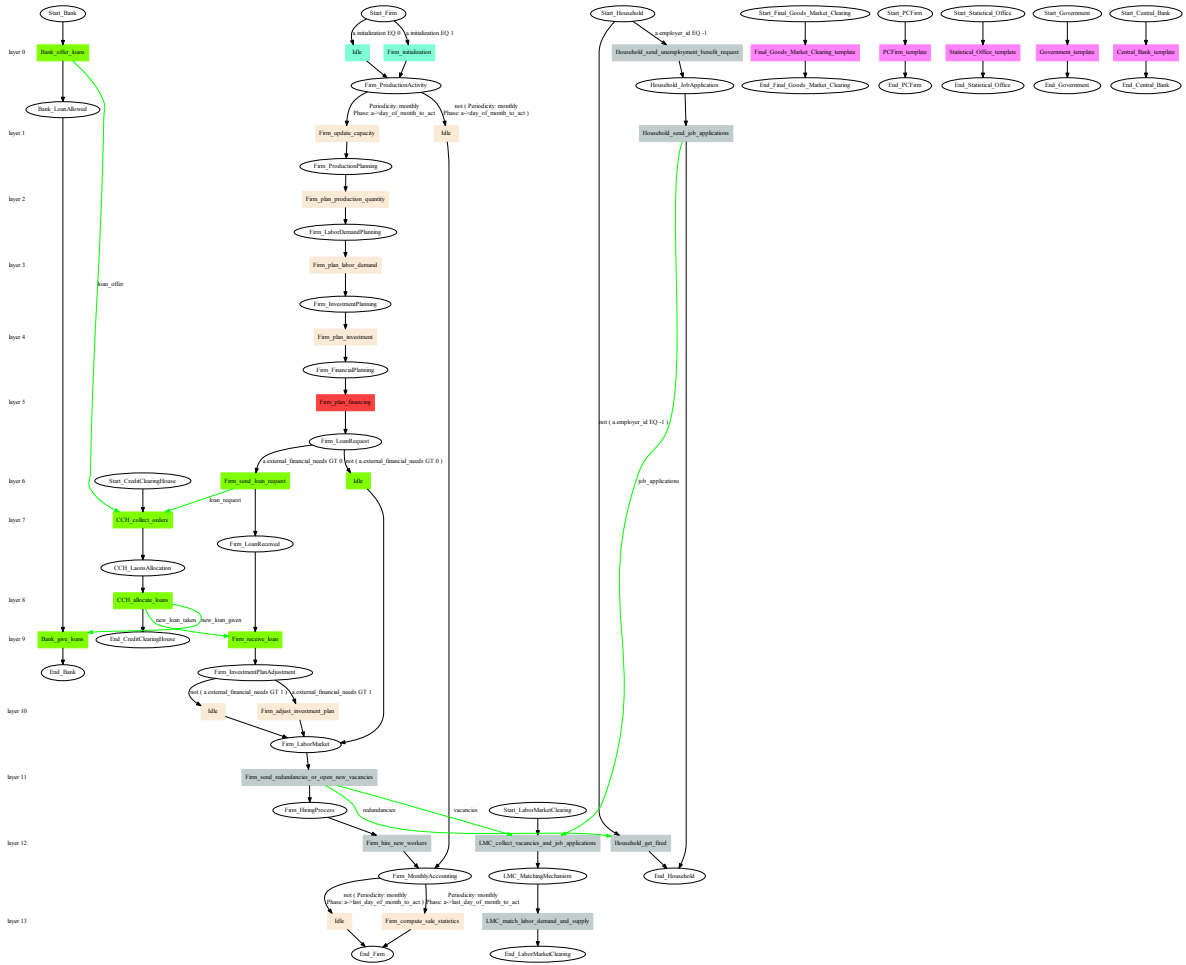
layer 0
layer 1
layer 2
layer 3
layer 4
layer 5
layer 6
layer 7
layer 8
layer 9
layer 10
layer 11
layer 12
layer 13
Start_Bank
Bank_offer_loans
Bank_LoanAllowed
End_Bank
loan_offer
Start_Firm
c.initialization EQ 0
c.initialization EQ 1
Idle
Firm_initialization
Firm_ProductionActivity
Periodicity: monthly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