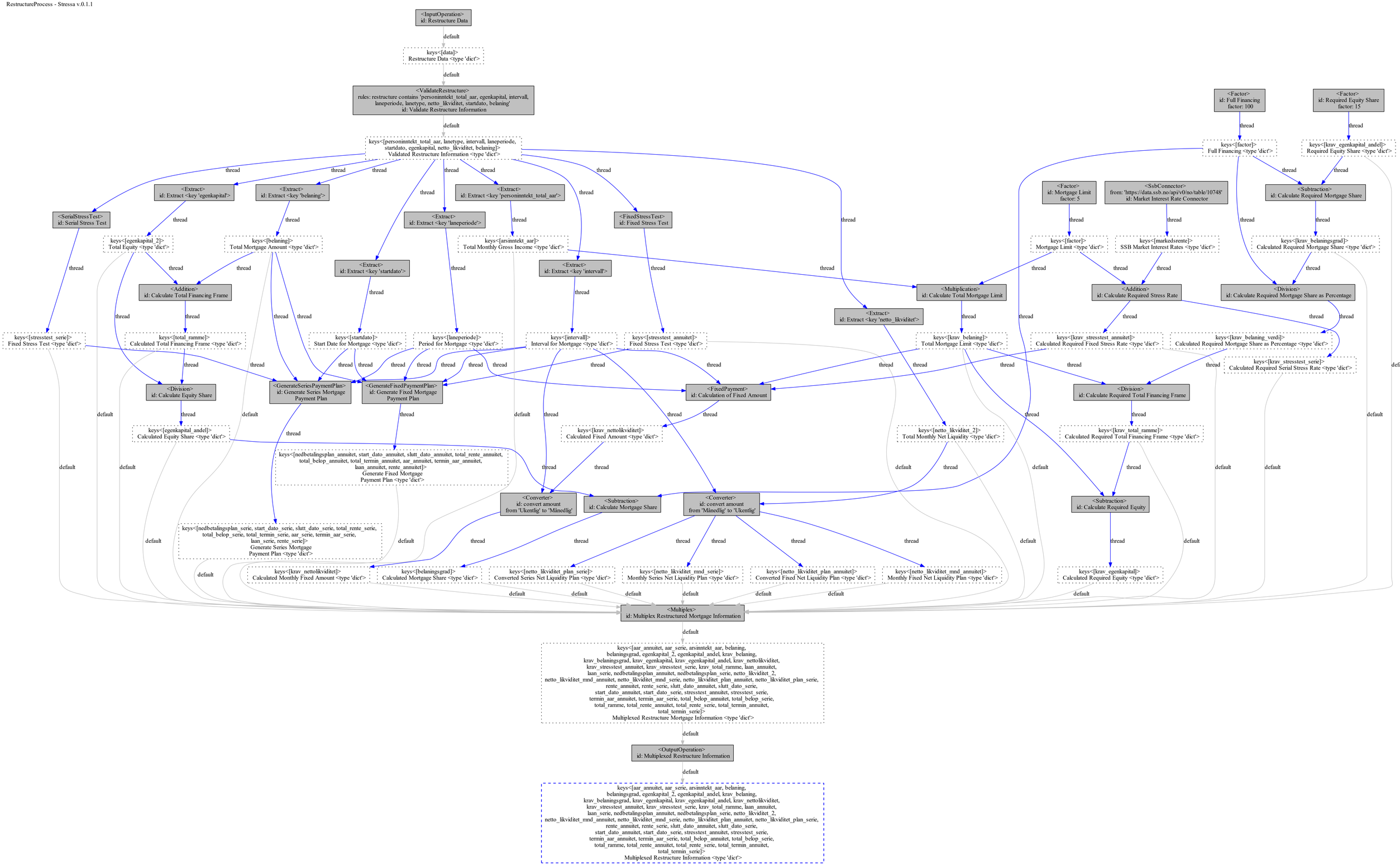
<InputOperation>
id: Restructure Data
default
keys<[data]>
Restructure Data <type 'dict'>
default
<ValidateRestructure>
rules: restructure contains 'personinntekt_total_aar, egenkapital, intervall, laneperiode, lanetype, netto_likviditet, startdato, belaning'
id: Validate Restructure Information
default
keys<[personinntekt_total_aar, lanetype, intervall, laneperiode, startdato, egenkapital, netto_likviditet, belaning]>
Validated Restructure Information <type 'dict'>
thread
<Extract>
id: Extract <key 'egenkapital'>
<Extract>
id: Extract <key 'belaning'>
<Extract>
id: Extract <key 'personinntekt_total_aar'>
<Extract>
id: Extract <key 'laneperiode'>
<FixedStressTest>
id: Fixed Stress Test
<SerialStressTest>
id: Serial Stress Test
keys<[egenkapital_2]>
Total Equity <type 'dict'>
keys<[belaning]>
Total Mortgage Amount <type 'dict'>
keys<[arsinntekt_aar]>
Total Monthly Gross Income <type 'dict'>
<Extract>
id: Extract <key 'startdato'>
<Extract>
id: Extract <key 'intervall'>
<Extract>
id: Extract <key 'netto_likviditet'>
<Addition>
id: Calculate Total Financing Frame
<Multiplication>
id: Calculate Total Mortgage Limit
keys<[stresstest_serie]>
Fixed Stress Test <type 'dict'>
keys<[total_ramme]>
Calculated Total Financing Frame <type 'dict'>
keys<[startdato]>
Start Date for Mortgage <type 'dict'>
keys<[laneperiode]>
Period for Mortgage <type 'dict'>
keys<[intervall]>
Interval for Mortgage <type 'dict'>
keys<[stresstest_annuitet]>
Fixed Stress Test <type 'dict'>
keys<[krav_belaning]>
Total Mortgage Limit <type 'dict'>
<Division>
id: Calculate Equity Share
<GenerateSeriesPaymentPlan>
id: Generate Series Mortgage Payment Plan
<GenerateFixedPaymentPlan>
id: Generate Fixed Mortgage Payment Plan
<FixedPayment>
id: Calculation of Fixed Amount
keys<[egenkapital_andel]>
Calculated Equity Share <type 'dict'>
keys<[krav_nettolikviditet]>
Calculated Fixed Amount <type 'dict'>
keys<[netto_likviditet_2]>
Total Monthly Net Liquidity <type 'dict'>
keys<[nedbetalingsplan_annuitet, start_dato_annuitet, slutt_dato_annuitet, total_rente_annuitet, total_belop_annuitet, total_termin_annuitet, aar_annuitet, termin_aar_annuitet, laan_annuitet, rente_annuitet]>
Generate Fixed Mortgage Payment Plan <type 'dict'>
<Converter>
id: convert amount from 'Ukentlig' to 'Månedlig'
<Subtraction>
id: Calculate Mortgage Share
<Converter>
id: convert amount from 'Månedlig' to 'Ukentlig'
keys<[nedbetalingsplan_serie, start_dato_serie, slutt_dato_serie, total_rente_serie, total_belop_serie, total_termin_serie, aar_serie, termin_aar_serie, laan_serie, rente_serie]>
Generate Series Mortgage Payment Plan <type 'dict'>
keys<[krav_nettolikviditet]>
Calculated Monthly Fixed Amount <type 'dict'>
keys<[belaningsgrad]>
Calculated Mortgage Share <type 'dict'>
keys<[netto_likviditet_plan_serie]>
Converted Series Net Liquidity Plan <type 'dict'>
keys<[netto_likviditet_mnd_serie]>
Monthly Series Net Liquidity Plan <type 'dict'>
keys<[netto_likviditet_plan_annuitet]>
Converted Fixed Net Liquidity Plan <type 'dict'>
keys<[netto_likviditet_mnd_annuitet]>
Monthly Fixed Net Liquidity Plan <type 'dict'>
<Multiplex>
id: Multiplex Restructured Mortgage Information
default
keys<[aar_annuitet, aar_serie, arsinntekt_aar, belaning, belaningsgrad, egenkapital_2, egenkapital_andel, krav_belaning, krav_belaningsgrad, krav_egenkapital, krav_egenkapital_andel, krav_nettolikviditet, krav_stresstest_annuitet, krav_stresstest_serie, krav_total_ramme, laan_annuitet, laan_serie, nedbetalingsplan_annuitet, nedbetalingsplan_serie, netto_likviditet_2, netto_likviditet_mnd_annuitet, netto_likviditet_mnd_serie, netto_likviditet_plan_annuitet, netto_likviditet_plan_serie, rente_annuitet, rente_serie, slutt_dato_annuitet, slutt_dato_serie, start_dato_annuitet, start_dato_serie, stresstest_annuitet, stresstest_serie, termin_aar_annuitet, termin_aar_serie, total_belop_annuitet, total_belop_serie, total_ramme, total_rente_annuitet, total_rente_serie, total_termin_annuitet, total_termin_serie]>
Multiplexed Restructure Mortgage Information <type 'dict'>
default
<OutputOperation>
id: Multiplexed Restructure Information
default
keys<[aar_annuitet, aar_serie, arsinntekt_aar, belaning, belaningsgrad, egenkapital_2, egenkapital_andel, krav_belaning, krav_belaningsgrad, krav_egenkapital, krav_egenkapital_andel, krav_nettolikviditet, krav_stresstest_annuitet, krav_stresstest_serie, krav_total_ramme, laan_annuitet, laan_serie, nedbetalingsplan_annuitet, nedbetalingsplan_serie, netto_likviditet_2, netto_likviditet_mnd_annuitet, netto_likviditet_mnd_serie, netto_likviditet_plan_annuitet, netto_likviditet_plan_serie, rente_annuitet, rente_serie, slutt_dato_annuitet, slutt_dato_serie, start_dato_annuitet, start_dato_serie, stresstest_annuitet, stresstest_serie, termin_aar_annuitet, termin_aar_serie, total_belop_annuitet, total_belop_serie, total_ramme, total_rente_annuitet, total_rente_serie, total_termin_annuitet, total_termin_serie]>
Multiplexed Restructure Information <type 'dict'>
<Factor>
id: Full Financing
factor: 100
<Factor>
id: Required Equity Share
factor: 15
keys<[factor]>
Full Financing <type 'dict'>
keys<[krav_egenkapital_andel]>
Required Equity Share <type 'dict'>
<Factor>
id: Mortgage Limit
factor: 5
<SsbConnector>
from: 'https://data.ssb.no/api/v0/no/table/10748'
id: Market Interest Rate Connector
<Subtraction>
id: Calculate Required Mortgage Share
keys<[factor]>
Mortgage Limit <type 'dict'>
keys<[markedsrente]>
SSB Market Interest Rates <type 'dict'>
keys<[krav_belaningsgrad]>
Calculated Required Mortgage Share <type 'dict'>
<Addition>
id: Calculate Required Stress Rate
<Division>
id: Calculate Required Mortgage Share as Percentage
keys<[krav_stresstest_annuitet]>
Calculated Required Fixed Stress Rate <type 'dict'>
keys<[krav_belaning_verdi]>
Calculated Required Mortgage Share as Percentage <type 'dict'>
keys<[krav_stresstest_serie]>
Calculated Required Serial Stress Rate <type 'dict'>
<Division>
id: Calculate Required Total Financing Frame
keys<[krav_total_ramme]>
Calculated Required Total Financing Frame <type 'dict'>
<Subtraction>
id: Calculate Required Equity
keys<[krav_egenkapital]>
Calculated Required Equity <type 'dict'>
default