RestructureProcess - Stressa v.0.1.1 <InputOperation> id: Restructure Data ----keys<[data]> Restructure Data <type 'dict'> <ValidateRestructure> rules: restructure contains 'personinntekt total aar, egenkapital, intervall, laneperiode, lanetype, betjeningsevne, startdato, belaning' id: Validate Restructure Information keys<[nominell\_rente, personinntekt\_total\_aar, lanetype, intervall, laneperiode, startdato, egenkapital, betjeningsevne, belaning]> Validated Restructure Information <type 'dict'> <SerialStressTest> <Extract> <FixedStressTest> <Extract> <Extract> <Extract> <Extract> id: Extract < key 'belaning'> id: Fixed Stress Test id: Extract <key 'laneperiode'> id: Extract < key 'nominell rente'> id: Extract <key 'startdato'> id: Serial Stress Test id: Extract < key 'intervall'> <Extract> id: Extract < key 'personinntekt total aar'> keys<[belaning]> keys<[stresstest annuitet]> keys<[laneperiode]> keys<[nominell rente]> keys<[stresstest serie]> keys<[intervall]> Period for Mortgage <type 'dict'> Interval for Mortgage <type 'dict'> Fixed Stress Test <type 'dict'> : Nominal Interest Rate <type 'dict'> Fixed Stress Test <type 'dict'> Total Mortgage Amount <type 'dict'> Start Date for Mortgage <type 'dict'> <Extract> id: Extract <key 'egenkapital'> <GenerateFixedPaymentPlan> <GenerateSeriesPaymentPlan> <Factor> <ReadSettings> <ReadSettings> id: Generate Fixed Mortgage id: Generate Series Mortgage id: Full Financing setting: gjeldsgrad setting: egenkapital\_krav factor: 100 Payment Plan Payment Plan <Extract> thread id: Extract < key 'betjeningsevne'> 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, nedbetalingsplan\_annuitet\_overview, total\_belop\_andel\_annuitet, keys<[arsinntekt aar]> keys<[krav\_egenkapital\_andel]> keys<[factor]> keys<[factor]> total\_rente\_andel\_annuitet, laan\_andel\_annuitet]>
Generate Fixed Mortgage Total Monthly Gross Income <type 'dict'> Mortgage Limit <type 'dict'> Full Financing <type 'dict'> Required Equity Share <type 'dict'> Payment Plan <type 'dict'> 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, nedbetalingsplan\_serie\_overview, total\_belop\_andel\_serie,
total\_rente\_andel\_serie, laan\_andel\_serie]> thread thread thread thread thread Generate Series Mortgage Payment Plan <type 'dict'> <SsbConnector> <Multiplication> <ReadSettings> <Subtraction> <Extract> <Extract> from: 'https://data.ssb.no/api/v0/no/table/10748' id: Calculate Total Mortgage Limit id: Calculate Required Mortgage Share id: Extract < key 'total belop annuitet'> id: Extract <key 'total termin annuitet'≥ setting: stresstest id: Market Interest Rate Connector thread thread thread thread keys<[total\_belop\_annuitet]> keys<[total termin annuitet]> keys<[egenkapital\_2]> keys<[krav\_belaning\_maks]> keys<[krav\_belaningsgrad]> Total number of keys<[markedsrente]> Total Amount Paid in Total Mortgage Limit <type 'dict'> Calculated Required Mortgage Share <type 'dict'> Total Equity <type 'dict'> Stresstest Limit <type 'dict'> SSB Market Interest Rates <type 'dict'> Fixed Mortgage Periods in Fixed Mortgage Payment Plan <type 'dict'> Payment Plan <type 'dict'> <Division> id: Calculate Average <Addition> <Comparison> id: Comparison of Lowest Possible Mortgage Requirement id: Calculate Required Mortgage Share as Percentage id: Calculate Required Stress Rate id: Calculate Total Financing Frame Total Payment in Fixed Payment Plan thread default keys<[snitt total termin belop annitet]> keys<[krav\_belaning]> keys<[krav\_belaning\_verdi]> Lowest Mortgage Requirement <type 'dict'> Calculated Required Mortgage Share as Percentage <type 'dict'> keys<[betjeningsevne\_2]>
Total Monthly Repayment Ability <type 'dict'> Calculated Average keys<[total\_ramme]> keys<[krav stresstest annuitet]> Calculated Total Financing Frame <type 'dict'> Calculated Required Fixed Stress Rate <type 'dict'> Total Payment in Fixed Payment Plan <type 'dict'> keys<[krav\_stresstest\_serie]> default thread thread Calculated Required Serial Stress Rate <type 'dict'> <Converter> <Converter> <Division> <FixedPayment> <Division> id: Convert amount id: Convert amount id: Calculate Equity Share id: Calculate Required Total Financing Frame id: Calculation of Fixed Amount from 'Månedlig' to 'Månedlig' from 'Månedlig' to 'Månedlig ; keys<[snitt\_total\_termin\_belop\_annitet]> keys<[egenkapital\_andel]>
Calculated Equity Share <type 'dict'> keys<[krav\_betjeningsevne]> keys<[krav\_total\_ramme]> keys<[betjeningsevne\_mnd\_annuitet]> Converted Average thread Calculated Required Total Financing Frame <type 'dict'> Calculated Fixed Amount <type 'dict'> Monthly Fixed Repayment Ability Plan <type 'dict'> Total Payment in Fixed Payment Plan <type 'dict'> keys<[betjeningsevne\_mnd\_serie]> keys<[betjeningsevne\_plan\_serie]> default thread Converted Series Repayment Ability Plan <type 'dict'> : Monthly Series Repayment Ability Plan <type 'dict'> <Converter> <Subtraction> <Subtraction> <Subtraction> id: Convert amount id: Calculate Average Monthly Net Liquidity for Fixed Plan id: Calculate Mortgage Share id: Calculate Required Equity from 'Månedlig' to 'Månedlig keys<[betjeningsevne\_plan\_annuitet]> default default Converted Fixed Repayment Ability Plan <type 'dict'> keys<[belaningsgrad]> keys<[krav egenkapital]> keys<[nettolikviditet annuitet]> keys<[krav\_betjeningsevne]> Calculated Average Monthly Net Liquidity for Fixed Plan <type 'dict'> Calculated Mortgage Share <type 'dict'> Calculated Required Equity <type 'dict'> Calculated Monthly Fixed Amount <type 'dict'>

id: Multiplex Restructured Mortgage Information

keys<[aar\_annuitet, aar\_serie, arsinntekt\_aar, belaning, belaningsgrad, betjeningsevne\_2, betjeningsevne\_mnd\_annuitet, betjeningsevne\_mnd\_serie, betjeningsevne\_plan\_annuitet, betjeningsevne\_plan\_serie, egenkapital\_2, egenkapital\_andel, krav\_belaning, krav\_belaning\_maks, krav\_belaningsgrad, krav\_betjeningsevne, krav\_egenkapital, krav\_egenkapital\_andel, krav\_stresstest\_annuitet, krav\_stresstest\_serie, krav total ramme, laan andel annuitet, laan andel serie, laan annuitet, laan\_serie, nedbetalingsplan\_annuitet, nedbetalingsplan\_annuitet\_overview, nedbetalingsplan\_serie, nedbetalingsplan serie overview, nettolikviditet annuitet, rente annuitet, rente serie, slutt dato annuitet, slutt dato serie, snitt total termin belop annitet, start dato annuitet, start dato serie, stresstest annuitet, stresstest serie, termin aar annuitet, termin aar serie, total belop andel annuitet, total belop andel serie, total belop annuitet, total\_belop\_serie, total\_ramme, total\_rente\_andel\_annuitet, total\_rente\_andel\_serie, total rente annuitet, total rente serie, total termin annuitet, total termin serie]> Multiplexed Restructure Mortgage Information <type 'dict'>

<OutputOperation> id: Multiplexed Restructure Information

keys<[aar annuitet, aar serie, arsinntekt aar, belaning, belaningsgrad, betjeningsevne\_2, betjeningsevne\_mnd\_annuitet, betjeningsevne\_mnd\_serie, betjeningsevne\_plan\_annuitet, betjeningsevne\_plan\_serie, egenkapital\_2, egenkapital\_andel, krav\_belaning, krav\_belaning\_maks, krav\_belaningsgrad, krav\_betjeningsevne, krav\_egenkapital, krav\_egenkapital\_andel, krav\_stresstest\_annuitet, krav\_stresstest\_serie, krav total ramme, laan andel annuitet, laan andel serie, laan annuitet, laan\_serie, nedbetalingsplan\_annuitet, nedbetalingsplan\_annuitet\_overview, nedbetalingsplan\_serie, nedbetalingsplan\_serie\_overview, nettolikviditet\_annuitet, rente\_annuitet, rente\_serie, slutt dato annuitet, slutt dato serie, snitt total termin belop annitet, start dato annuitet, start dato serie, stresstest annuitet, stresstest serie, termin aar annuitet, termin\_aar\_serie, total\_belop\_andel\_annuitet, total\_belop\_andel\_serie, total\_belop\_annuitet, total\_belop\_serie, total\_rente\_andel\_annuitet, total\_rente\_andel\_serie, total rente annuitet, total rente serie, total termin annuitet, total termin serie]> Multiplexed Restructure Information <type 'dict'>