

Finance

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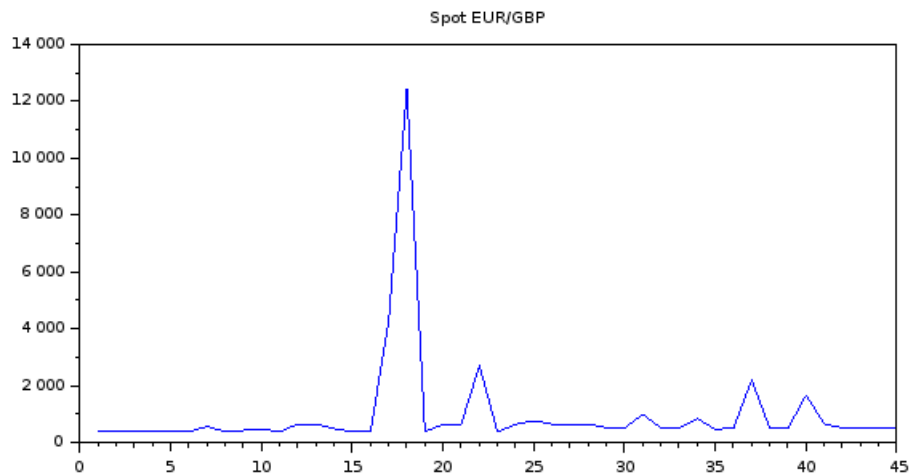
Contents

1 Cash Balance Management

1.1 Monthly drift

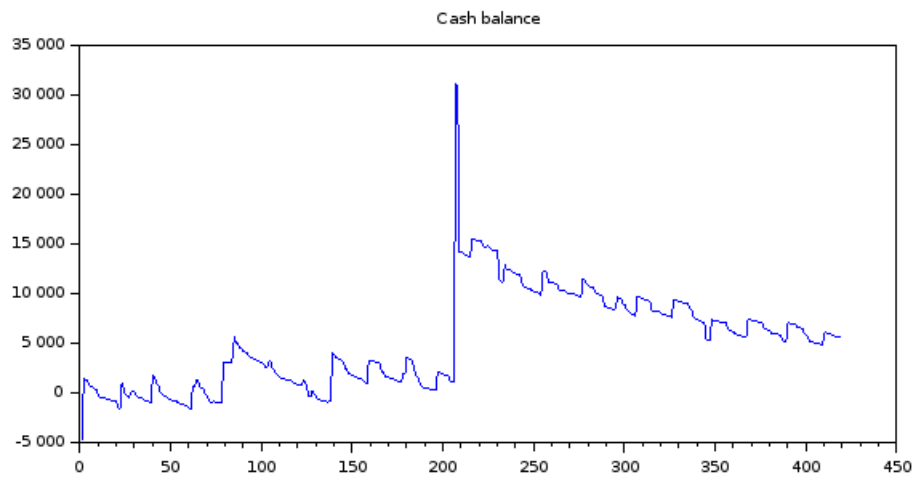
1.1.1 Table

1.1.2 Graph

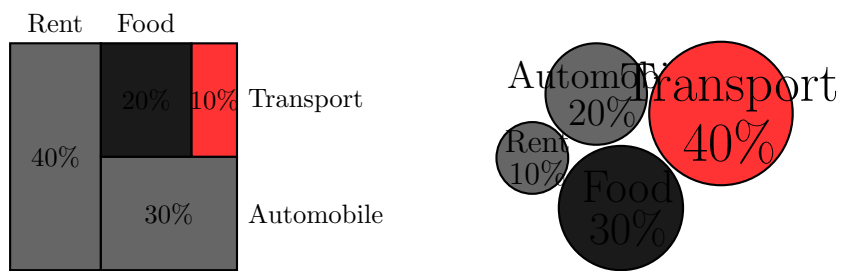


This where science enter the game as here can call scilab and there is no limit at what we could calculate... fascinating! How do we populate Scilab with Negative numbers where there are Debits and Positive numbers for the Credit

1.1.3 Graph



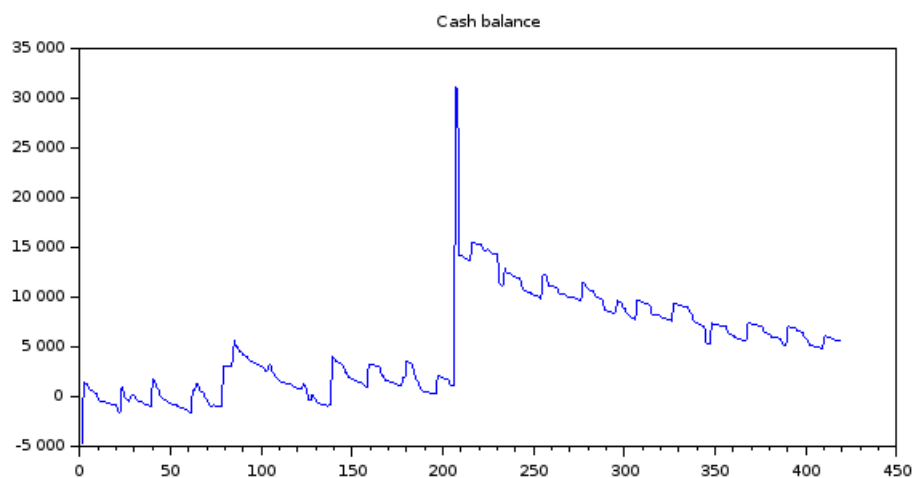
1.1.4 Map Of The Charges



1.1.5 Cash curve

Funny cashflow/kapital superior to percent

1.1.6 Cash curve from Scilab man!



1.1.7 Table

| Cashflows | | | | | |
|------------|------------|--------|---------|------|---------|
| MinDate | MaxDate | Income | Charges | PnL | NumDays |
| 2011-01-01 | 2021-01-13 | 83303 | 77592 | 5711 | 3665 |
| 2011-01-01 | 2016-10-07 | 83303 | 77592 | 5711 | 2106 |
| 2011-01-01 | 2016-10-06 | 83303 | 77588 | 5715 | 2105 |
| 2011-01-01 | 2016-10-05 | 83303 | 77581 | 5722 | 2104 |
| 2011-01-01 | 2016-10-04 | 83303 | 77558 | 5745 | 2103 |
| 2011-01-01 | 2016-10-03 | 83303 | 77484 | 5819 | 2102 |
| 2011-01-01 | 2016-09-30 | 83303 | 77308 | 5995 | 2099 |
| 2011-01-01 | 2016-09-29 | 83303 | 77278 | 6025 | 2098 |
| 2011-01-01 | 2016-09-28 | 83303 | 77246 | 6057 | 2097 |
| 2011-01-01 | 2016-09-27 | 83303 | 77223 | 6080 | 2096 |
| 2011-01-01 | 2016-09-26 | 82027 | 77216 | 4811 | 2095 |
| 2011-01-01 | 2016-09-21 | 82027 | 77134 | 4893 | 2090 |
| 2011-01-01 | 2016-09-20 | 82027 | 77044 | 4983 | 2089 |
| 2011-01-01 | 2016-09-19 | 82027 | 77018 | 5009 | 2088 |
| 2011-01-01 | 2016-09-16 | 82027 | 76951 | 5076 | 2085 |
| ... | ... | ... | ... | ... | ... |
| Total | | | | | |

To be able to have data for the drift, you need to build a C++ insert like for the kapital go through the dates in the cashflows, and calculate a drift based on this (modulo the salary)

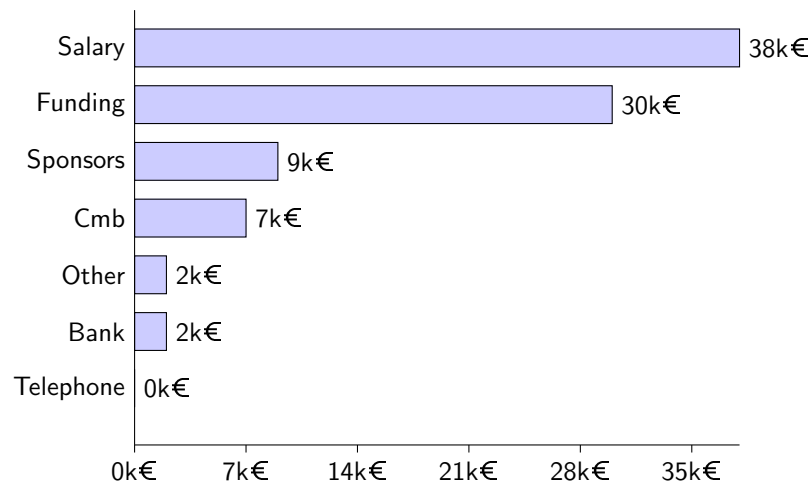
1.1.8 Graph

1.2 Incomes

1.2.1 Table

| Cashflows | | | |
|-----------|-------|--------|-------|
| Category | Debit | Credit | PnL |
| Salary | 0 | 38307 | 38307 |
| Funding | 0 | 30000 | 30000 |
| Sponsors | 0 | 9000 | 9000 |
| Cmb | 0 | 7287 | 7287 |
| Other | 0 | 2058 | 2058 |
| Bank | 0 | 2056 | 2056 |
| Telephone | 0 | 128 | 128 |
| ... | ... | ... | |
| Total | 77592 | 83303 | 5711 |

1.2.2 Graph

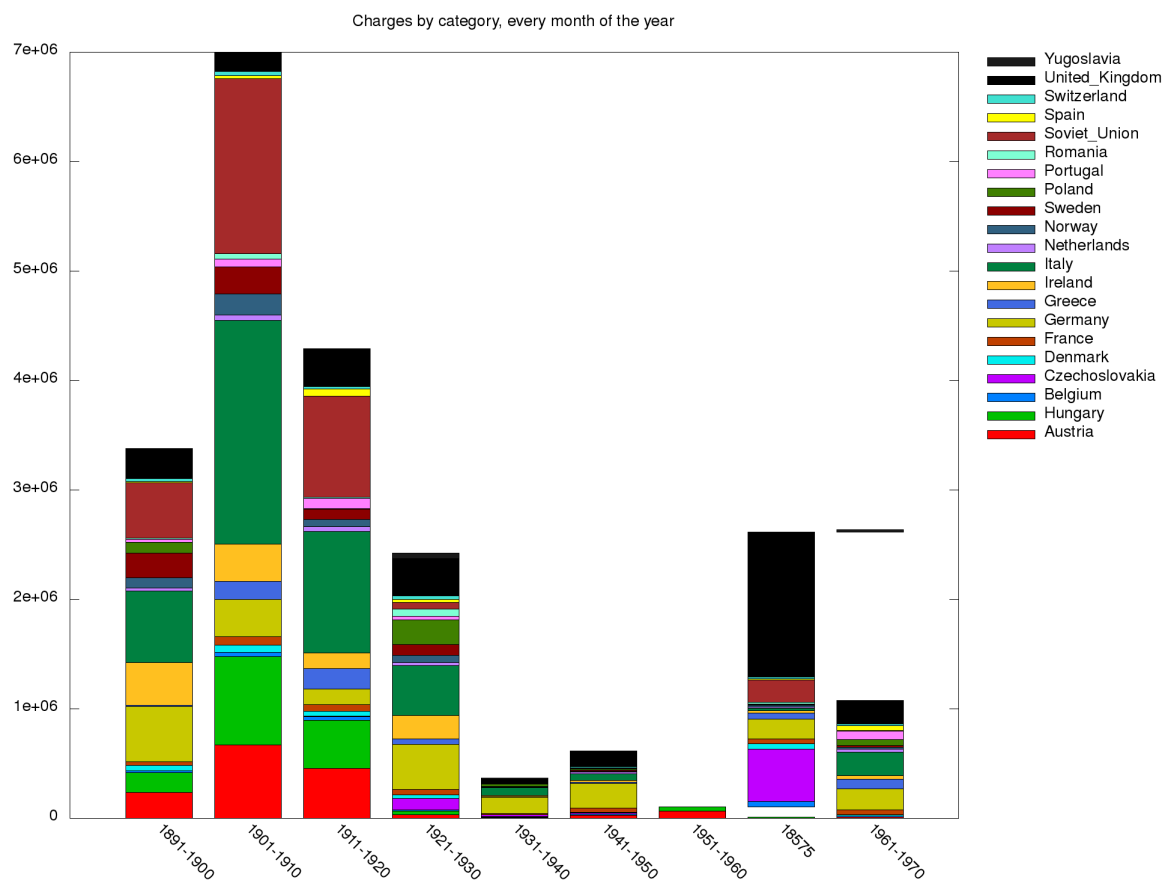


1.2.3 Chart

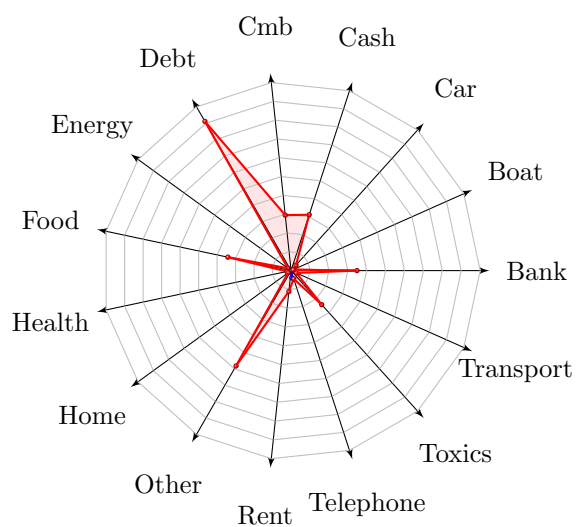
1.3 Charges

1.3.1 Charges plot

Removed to preserve my eyes from the colors....!!!!



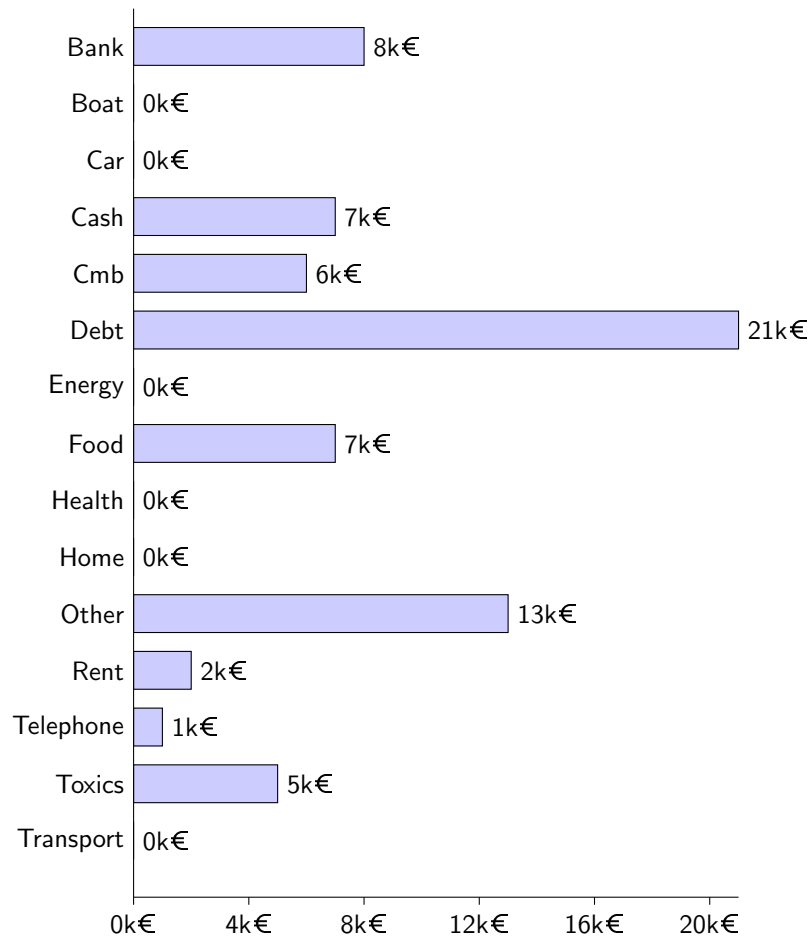
1.3.2 Charges kiviati



1.3.3 Table

| Cashflows | | | |
|-----------|-------|--------|--------|
| Category | Debit | Credit | PnL |
| Bank | 8111 | 0 | -8111 |
| Boat | 280 | 0 | -280 |
| Car | 918 | 0 | -918 |
| Cash | 7231 | 0 | -7231 |
| Cmb | 6866 | -963 | -7829 |
| Debt | 21209 | 0 | -21209 |
| Energy | 489 | 0 | -489 |
| Food | 7962 | 0 | -7962 |
| Health | 517 | 0 | -517 |
| Home | 451 | 0 | -451 |
| Other | 13551 | 0 | -13551 |
| Rent | 2582 | 0 | -2582 |
| Telephone | 1073 | 0 | -1073 |
| Toxics | 5635 | 0 | -5635 |
| Transport | 717 | 0 | -717 |
| ... | ... | ... | ... |
| Total | 77592 | 83303 | 5711 |

1.3.4 Graph



1.3.5 Chart

1.3.6 Cheese

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