Beancount Syntax Cheat Sheet

Example Account Name: `Assets:US:BofA:Checking`

Account Types

```
Assets        +
Liabilities   -
Income        -
Expenses      +
Equity        -
```

Commodities

All in CAPS:

```
USD, EUR, CAD, AUD
GOOG, AAPL, RBF1005
HOME_MAYST, AIRMILES
HOURS
```

Directives

General syntax:

YYYY-MM-DD *<directive> <arguments...>*

Opening & Closing Accounts

```
2001-05-29 open Expenses:Restaurant
2001-05-29 open Assets:Checking     USD,EUR   ; Currency constraints

2015-04-23 close Assets:Checking
```

Declaring Commodities

This is optional; use this only if you want to attach metadata by currency.

```
1998-07-22 commodity AAPL
  name: "Apple Computer Inc."
```

Prices

Use many times to fill historical price database:

```
2015-04-30 price AAPL   125.15 USD
2015-05-30 price AAPL   130.28 USD
```

Notes

```
2013-03-20 note Assets:Checking "Called to ask about rebate"
```

Documents

```
2013-03-20 document Assets:Checking "path/to/statement.pdf"
```

Transactions

```
2015-05-30 * "Some narration about this transaction"
  Liabilities:CreditCard    -101.23 USD
  Expenses:Restaurant        101.23 USD

2015-05-30 ! "Cable Co" "Phone Bill" #tag ^link
  id: "TW378743437"               ; Meta-data
  Expenses:Home:Phone   87.45 USD
  Assets:Checking                 ; You may leave one amount out
```

Postings

```
...      123.45 USD                       Simple
...          10 GOOG {502.12 USD}          With per-unit cost
...          10 GOOG {{5021.20 USD}}       With total cost
...          10 GOOG {502.12 # 9.95 USD}   With both costs
...     1000.00 USD    @ 1.10 CAD          With per-unit price
...          10 GOOG {502.12 USD} @ 1.10 CAD   With cost & price
...          10 GOOG {502.12 USD, 2014-05-12}  With date
! ...    123.45 USD ...                    With flag
```

Balance Assertions and Padding

Asserts the amount for only the given currency:

```
2015-06-01 balance Liabilities:CreditCard  -634.30 USD
```

Automatic insertion of transaction to fulfill the following assertion:

```
YYYY-MM-DD pad Assets:Checking Equity:Opening-Balances
```

Events

```
YYYY-MM-DD event "location" "New York, USA"
YYYY-MM-DD event "address" "123 May Street"
```

Options

```
option "title" "My Personal Ledger"
```

See [this doc](#) for the full list of supported options.

Other

```
pushtag #trip-to-peru
…
poptag  #trip-to-peru
; Comments begin with a semi-colon
```