

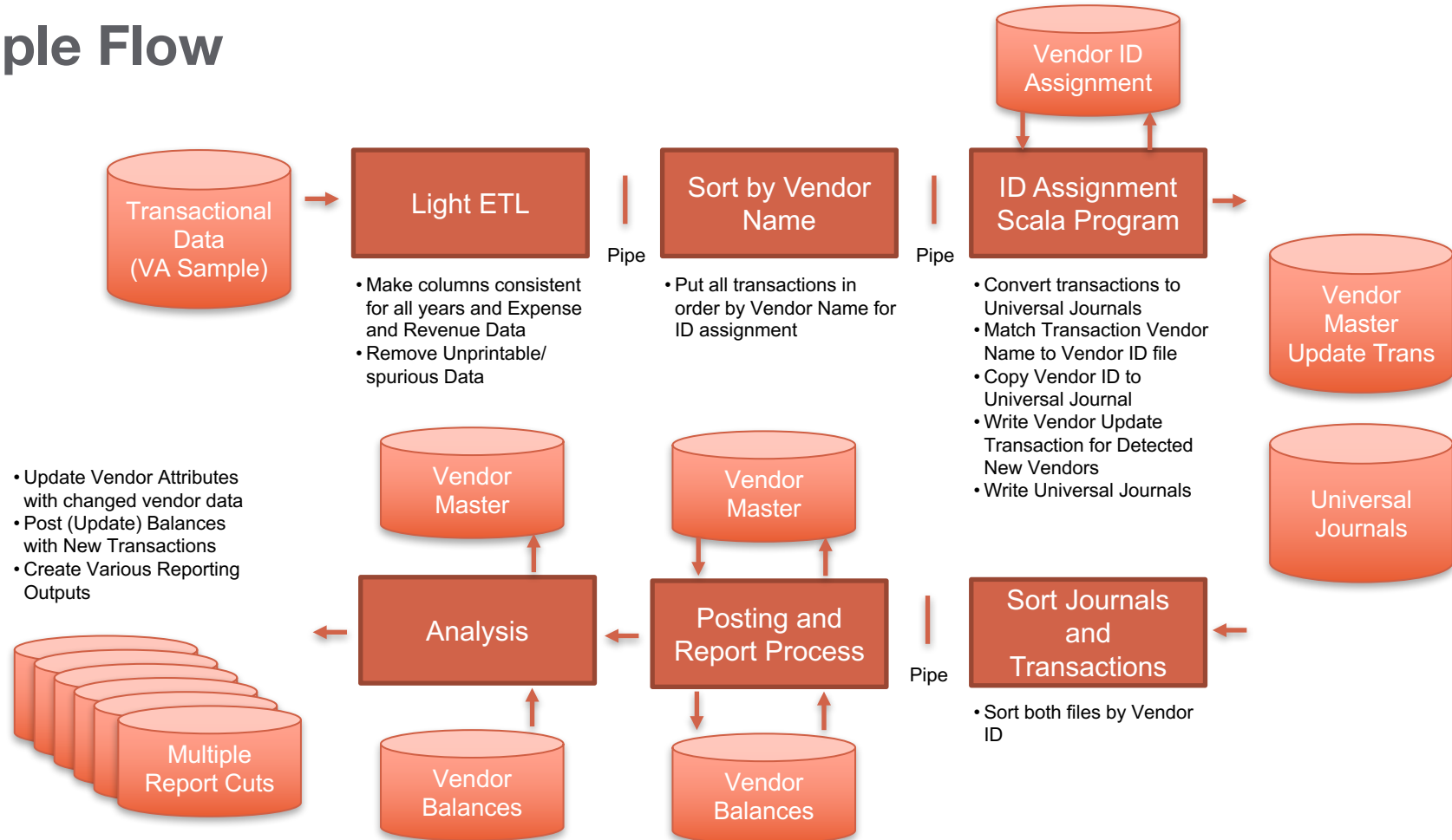
Really Simple Commerce Demo System

Simple User Interface
B 2 C Example

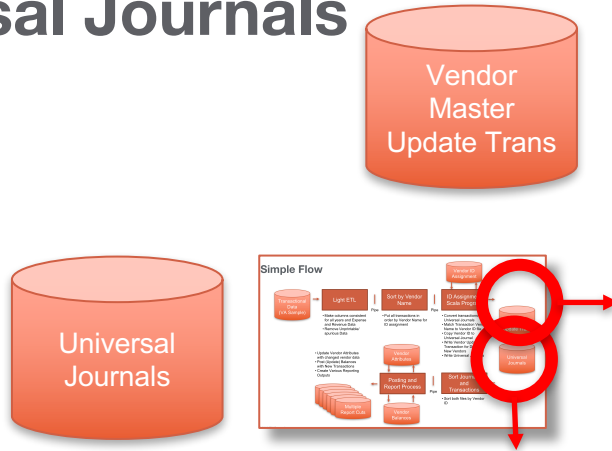
Posting Process
To a Universal Ledger

Analysis Process
Including Financial
Analytics

Simple Flow



Universal Journals



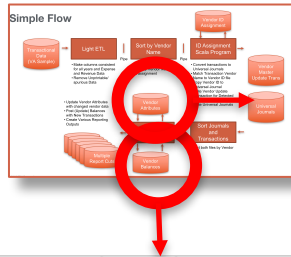
NEWLY ASSIGNED ID	NEWLY IDENTIFIED VENDOR/ TAXING AGENCY NAME	VENDOR OR TAX AGENCY TYPE	EFFECTIVE START DATE
14	1101 KING STREET LLC	EXP	1/1/03
15	12TH AND CARY ASSOCIATES	EXP	1/1/03
16	1301 HUGUENOT ASSOCIATES	EXP	1/1/03
17	1400 WEST MARSHALL ASSOC LLC	EXP	1/1/03
18	14TH DIST CSU PETTY CASH FUND	EXP	1/1/03
19	168 REAL ESTATE TRUST	EXP	1/1/03
20	1708 GALLERY	EXP	1/1/03
21	17TH STREET PAPER PLUS	EXP	1/1/03
22	17TH STREET PHOTO	EXP	1/1/03
23	1890 LIBRARY DIRECTORS ASSOC	EXP	1/1/03
24	1 OFFICER DTDF	EXP	1/1/03
25	1ST CHOICE TECHNOLOGIES INC	EXP	1/1/03

2.1 Million
Transactions
in 70 files
For all years

Instrument ID	Business Event / Journal ID	Jrnl Line No	Journal / Event Description	Ledger	Jrnl Type	Book-code / Basis	Legal Entity (CO. / Owner)	Center ID	Project ID	Product / Material ID	Nominal Account	Curr. Code Source	Currency Type Code Source	Curr. Code Target	Currency Type Code Target	Transaction Amount	Fiscal Period	Acctg. Date	Transaction Date
75711	JEEXP2003/01/01-812848	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	8580	3486	0	EXP370	USD	TXN	USD	BASE-LE	284.27	2003/01	1/1/03	1/1/03
75711	JEEXP2003/01/01-812849	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	8580	3486	0	EXP370	USD	TXN	USD	BASE-LE	284.27	2003/01	1/1/03	1/1/03
75712	JEEXP2003/01/01-812850	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	6712	3283	0	EXP230	USD	TXN	USD	BASE-LE	65.44	2003/01	1/1/03	1/1/03
75712	JEEXP2003/01/01-812851	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	6712	3283	0	EXP239	USD	TXN	USD	BASE-LE	7.09	2003/01	1/1/03	1/1/03
75713	JEEXP2003/01/01-812852	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	349	2514	0	EXP124	USD	TXN	USD	BASE-LE	87	2003/01	1/1/03	1/1/03
75714	JEEXP2003/01/01-812853	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	3641	3853	0	EXP132	USD	TXN	USD	BASE-LE	7.5	2003/01	1/1/03	1/1/03
75714	JEEXP2003/01/01-812854	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	986	3853	0	EXP132	USD	TXN	USD	BASE-LE	7.5	2003/01	1/1/03	1/1/03
75715	JEEXP2003/01/01-812855	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	399	3899	0	EXP230	USD	TXN	USD	BASE-LE	124.83	2003/01	1/1/03	1/1/03
75715	JEEXP2003/01/01-812856	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	399	3899	0	EXP230	USD	TXN	USD	BASE-LE	140.43	2003/01	1/1/03	1/1/03
75715	JEEXP2003/01/01-812857	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	399	3899	0	EXP230	USD	TXN	USD	BASE-LE	152.13	2003/01	1/1/03	1/1/03
75716	JEEXP2003/01/01-812858	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	9104	3950	0	EXP459	USD	TXN	USD	BASE-LE	4074.8	2003/01	1/1/03	1/1/03
75716	JEEXP2003/01/01-812859	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	9104	3950	0	EXP459	USD	TXN	USD	BASE-LE	847.5	2003/01	1/1/03	1/1/03
75717	JEEXP2003/01/01-812860	1	Orig. Trans. from EXP 2003/01 file	ACTUALS	FIN	SHRD-3RD-PARTY	0	201	2196	0	EXP93	USD	TXN	USD	BASE-LE	262.5	2003/01	1/1/03	1/1/03

80 Million Rows in 70 Files 1/Quarter + 1/Year 2003 - 2016

Universal Balances

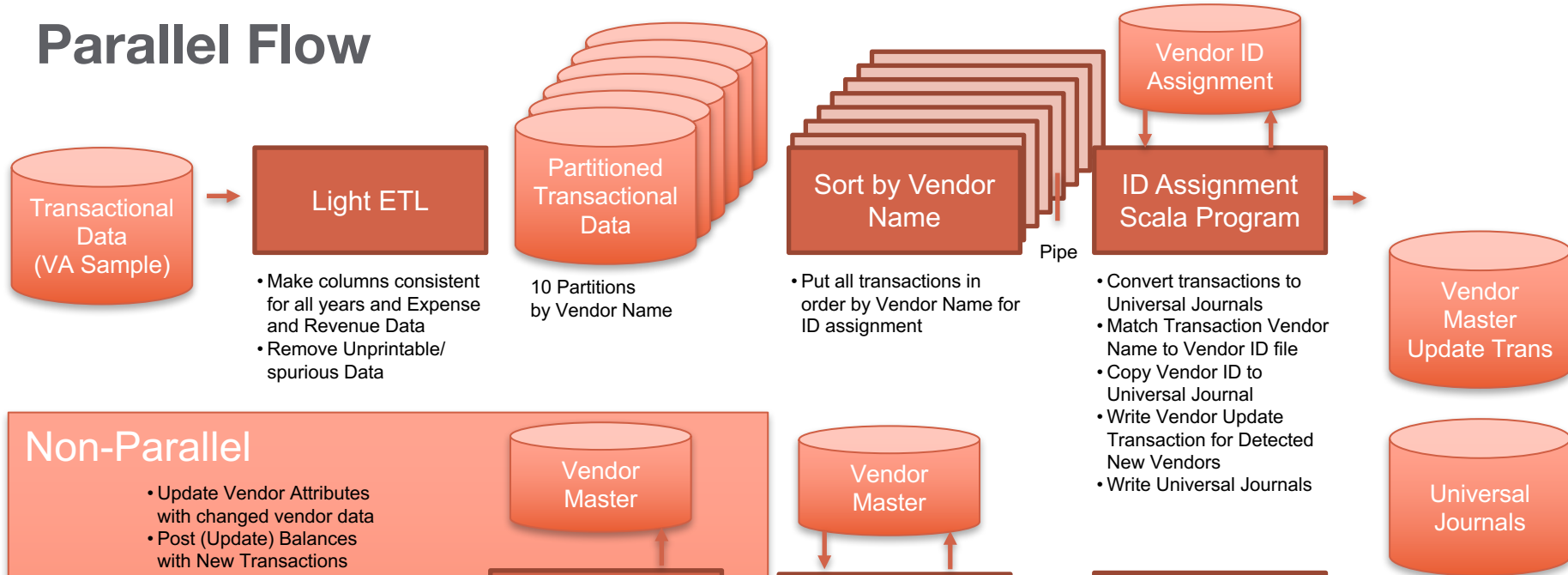


Assigned Instrument ID	Effective Start Date	Effective Start Time	Effective End Date	Effective End Time	Vendor/Taxing Agency Name	Instrument Type	Audit Trail
26	1/1/03	0	9999/99/99	9	1ST CHOICE TECHNOLOGIES	EXP	0
27	1/1/03	0	9999/99/99	9	1ST QUALITY ELECTRONICS INC	EXP	0
28	1/1/03	0	9999/99/99	9	1ST QUALITY PARKING	EXP	0
29	1/1/03	0	9999/99/99	9	1STBOOKS LIBRARY	EXP	0
30	1/1/03	0	9999/99/99	9	2 YEAR TECHNOLOGY SCHOLARSHIP	EXP	0
31	1/1/03	0	9999/99/99	9	2001 HYDROGEN CORROSION CONFERENCE	EXP	0
32	1/1/03	0	9999/99/99	9	2002 SACS COC ANNUAL MEETING	EXP	0
33	1/1/03	0	9999/99/99	9	2002 SACS/COC ANNUAL MEETING	EXP	0
34	1/1/03	0	9999/99/99	9	2003 NCAA WRESTLING	EXP	0
35	1/1/03	0	9999/99/99	9	202 IRON ROCK COURT	EXP	0
36	1/1/03	0	9999/99/99	9	206 WASH LLC	EXP	0
37	1/1/03	0	9999/99/99	9	21ST CENTURY ENSEMBLE	EXP	0
38	1/1/03	0	9999/99/99	9	21ST CENTURY MD PHOTODISC	EXP	0
39	1/1/03	0	9999/99/99	9	226-90-2281 WHELAN PR311 M&R	EXP	0

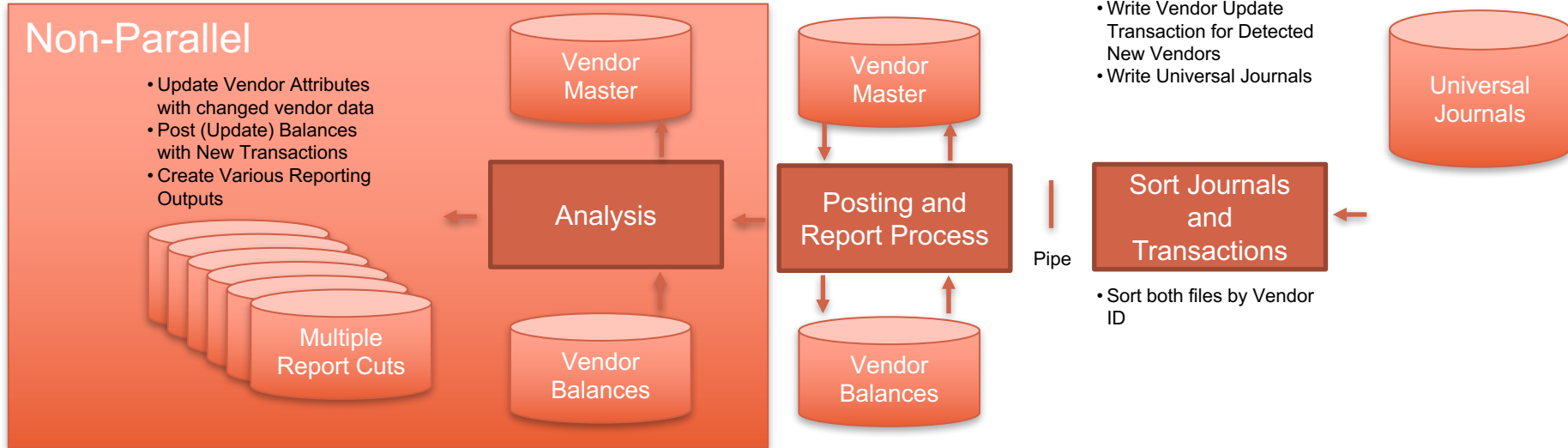
2.1 Million Transactions in 1 File for all years

Instrument ID	Balance ID	Ledger	Bal Type	Book-code / Basis	Legal Entity (CO. / Owner)	Center ID	Project ID	Product / Material ID	Nominal Account	Curr. Code Source	Currency Type Code Source	Curr. Code Target	Currency Type Code Target	Fiscal Year	Transaction Amount
1229771	6472788	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6741	2816	0	EXP202	USD	TXN	USD	BASE-LE	2011	275
1229775	6605631	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	1552	2816	0	EXP243	USD	TXN	USD	BASE-LE	2011	10412.09
1229775	6472789	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	1552	2816	0	EXP73	USD	TXN	USD	BASE-LE	2011	4553.58
1229781	6472790	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6904	3048	0	EXP231	USD	TXN	USD	BASE-LE	2011	310.8
1229781	6472791	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6904	3048	0	EXP239	USD	TXN	USD	BASE-LE	2011	132.92
1229784	6472792	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6885	2816	0	EXP124	USD	TXN	USD	BASE-LE	2011	32.76
1229786	6765319	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	8727	4137	0	EXP53	USD	TXN	USD	BASE-LE	2011	105.72
1229791	6472793	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	2243	2254	0	EXP230	USD	TXN	USD	BASE-LE	2011	188.42
1229791	6765320	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	2243	2254	0	EXP239	USD	TXN	USD	BASE-LE	2011	193.1
1229792	6472794	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	9098	3950	0	EXP458	USD	TXN	USD	BASE-LE	2011	236
1229793	6313072	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	1400	2719	0	EXP310	USD	TXN	USD	BASE-LE	2011	2564.15
1229798	6313073	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6741	2816	0	EXP230	USD	TXN	USD	BASE-LE	2011	171
1229798	6313074	ACTUALS	FIN	SHRD-3RD-PARTY	STATE-OF-VA	6741	2816	0	EXP245	USD	TXN	USD	BASE-LE	2011	213

Parallel Flow



Non-Parallel



- It will open three files;
 - the instrument ID assignment file which used to assign Instrument IDs based upon the vendor name.
 - is in sorted order by vendor name,
 - has a second field which is the vendor ID, a serially assigned number
 - the sorted transactions just made
 - the max vendor id file, a single record with the latest assigned vendor ID
- It will produce the following files
 - An update input file (a) with new instrument IDs inserted for new vendors found
 - Updated transactions file (b) with
 - Instrument IDs assigned
 - Other attributes assigned for the primary/direct transaction
 - Initial offset transactions, performing some simple ARE functions
 - Updated input file (c) with the new max ID assigned.
- As it reads input files (a) and (b)., it matches the vendor name and:
 - If a new vendor/instrument ID is found on the input transaction file (b) it
 - Increments input file (c)
 - It creates a new input file (a) record for the vendor and assigns this ID to it
 - If a matching vendor/instrument ID is found it
 - Assigns the vendor/ID from input file (a) to it
 - The vendor record is (a) passed to the output file (a)
 - If no matching transaction record in file (b) is found for a vendor in file (a)
 - The vendor record is (a) passed to the output file (a)
 - Tests should compare input transaction keys (b) to output vendor files (a) to keep from making duplicate vendor master records—or something like this
- It should then duplicate transactions records (b) to make new offset transactions, and format completed records.