Peachpit

Paul Givens, Leslie Minor

Peachpit

➢ Unified system that takes sales files in varying formats and produces a file that can be imported into Peachtree accounting software

Store Number	Business Date	Line	Label	Account	Total
9	01/19/2014	1	Refunds	41000	0
9	01/19/2014	2	Non Taxed Sales	41500	0
9	01/19/2014	3	Sales Tax	23300	-361.94
9	01/19/2014	4	Beer Tax	23300	-2.58
9	01/19/2014	5	Food Sales	41000	-4388.06
9	01/19/2014	6	Alcohol Sales	42000	-30.92
9	01/19/2014	7	Gift Cards Sold	23000	0
9	01/19/2014	8	GROCERIES - 51900	51900	15.23
9	01/19/2014	9	PAPER - 53000	53000	7.57
9	01/19/2014	10	Bank Deposit	10200	2180
9	01/19/2014	11	Online Ordering	10300	185.18
9	01/19/2014	12	Amex	10200	144.61
9	01/19/2014	13	Visa	10200	1827.82
9	01/19/2014	14	MasterCard	10200	327.23
9	01/19/2014	15	Over/Short	49980	95.86
9	01/19/2014	16	Net Sales	0	4418.98
9	01/19/2014	17	Go Sales	0	1497.33
9	01/19/2014	18	Phone Orders	0	2426.74
9	01/19/2014	19	Drive Thru	0	0
9	01/19/2014	20	Gross Sales	0	4521.5
9	01/19/2014	21	Charge Sales	0	2484.84

Sales By Day Part By Cat

	Beakfast	Lunch	Evening	Total
Brkfast Tacos	0	0	0	0
Kids	0	0	0	0
Salads	0	6.79	13.58	20.37
Food	0	69.41	42.32	111.73
Cater Sand	0	0	0	0
Sandwiches	0	431.3	145.29	576.59
Beer/Wine	0	0	0	0
N/A Bev	0	70.73	15.32	86.05
Cater Bevs	0	0	0	0
Catering	0	0	0	0
Cater Salads	0	0	0	0
Sunshine C	0	0	0	0
Sund-Merch	0	0	0	0
Gift Cert	0	0	0	0
B Nation	0	0	0	0
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Totals	0	578.23	216.51	794.74

Non-Cash Payments

	Qty	Amount		
AMEX	7	98.54		
VISA	35	453.01		
M/C	10	121.97		
Gift Cert	0	0		
Discover	0	0		
CHECK	0	0		
Charge	0	0		
Net Amex	0	0		
Net MC	0	0		
Net Visa	0	0		
Bevo Bucks	0	0		
House	0	0		
Gift Card	0	0		
Points	0	0		

Sample Input Files

| Number of	Date	Reference	G/L Account	Description	Amount
10	1/20/2014	14WK04	41000	Food Sales	-741.63
10	1/20/2014	14WK04	44000	Beverage Sales	-87.86
10	1/20/2014	14WK04	23300	Sales Tax	-65.31
10	1/20/2014	14WK04	43000	Catering Sales	-210.00
10	1/20/2014	14WK04	41800	Discounts - Comps	7.43
10	1/20/2014	14WK04	10400	Credit Card Sales	557.40
10	1/20/2014	14WK04	10400	CC Sales - AMEX	167.81
10	1/20/2014	14WK04	10600	Cash Deposit (CID)	47.28
10	1/20/2014	14WK04	49980	Cash Deposit O/S (from file)	20.00
10	1/20/2014	14WK04	12000	Misc. Tender (see sales file)	304.88
9	1/21/2014	14WK04	41000	Food Sales	-1294.85
9	1/21/2014	14WK04	44000	Beverage Sales	-173.17
9	1/21/2014	14WK04	23300	Sales Tax	-120.16
9	1/21/2014	14WK04	41800	Discounts - Comps	11.93
9	1/21/2014	14WK04	10400	Credit Card Sales	1061.45
9	1/21/2014	14WK04	10400	CC Sales - AMEX	173.98
9	1/21/2014	14WK04	10600	Cash Deposit (CID)	288.25
9	1/21/2014	14WK04	12000	Misc. Tender (see sales file)	9.14
9	1/21/2014	14WK04	80700	Cash Paid Outs	43.43

Sample Output
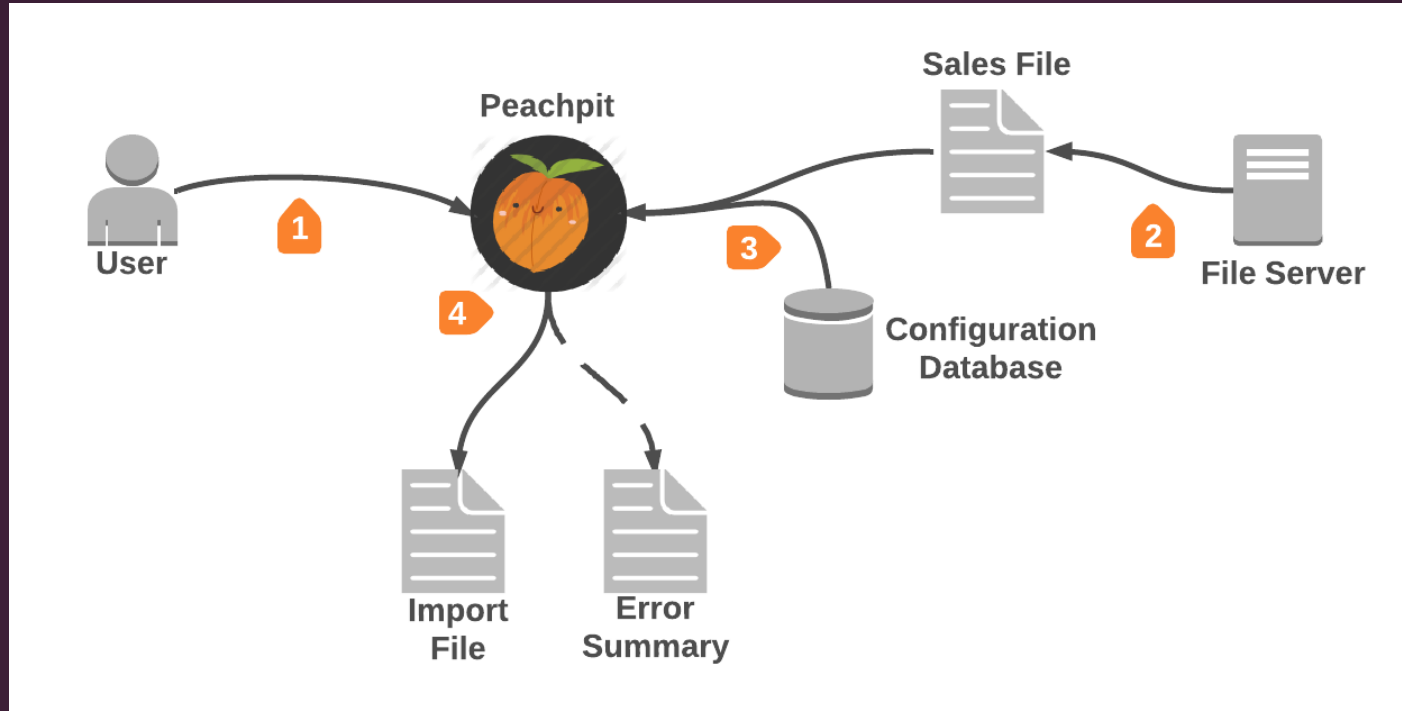
Architecture Diagram

Demo!

Visitor Pattern

➢ Actions unrelated to sales object need to be performed

➢ Decouple these actions from the sales object itself
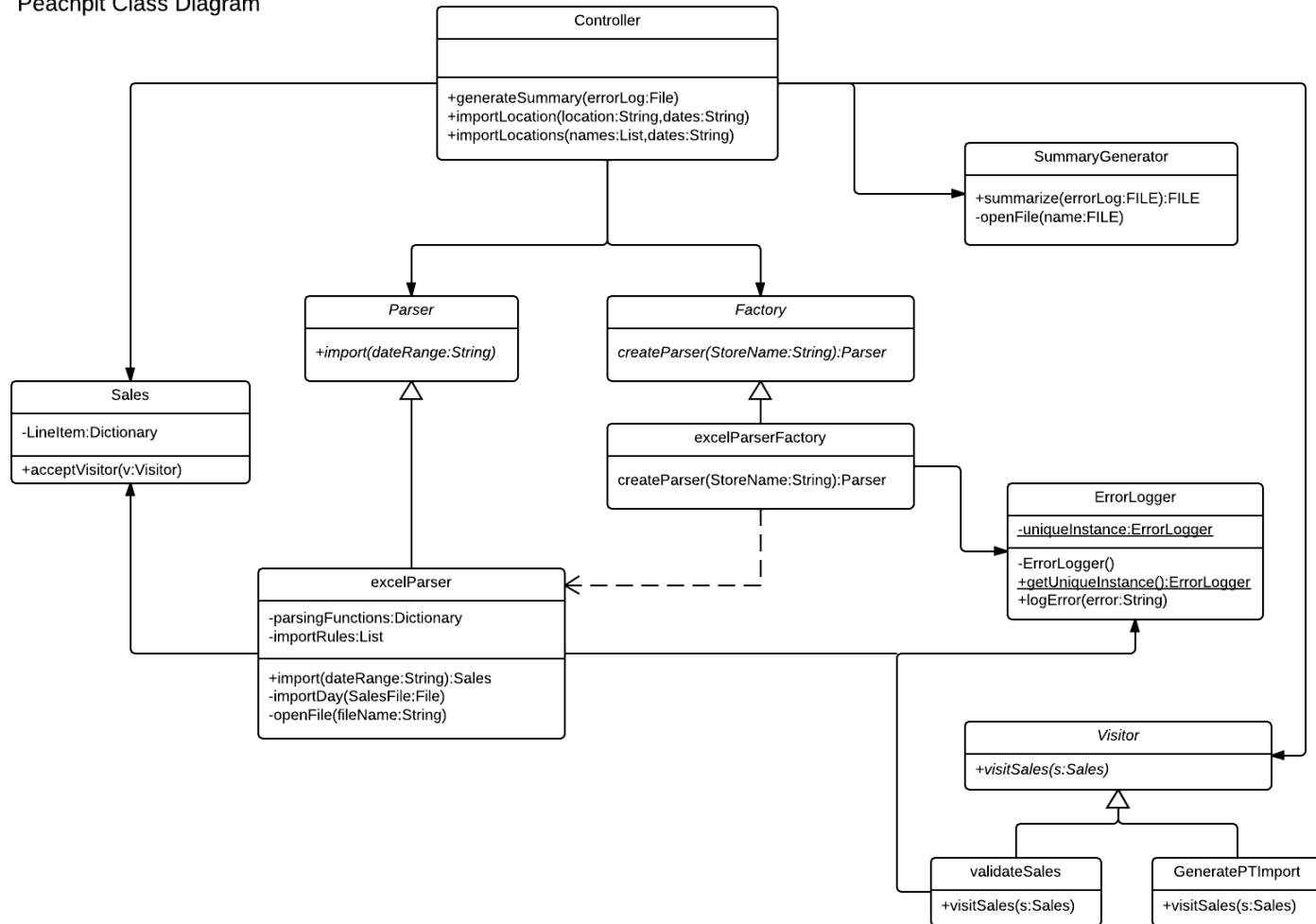
Peachpit Class Diagram
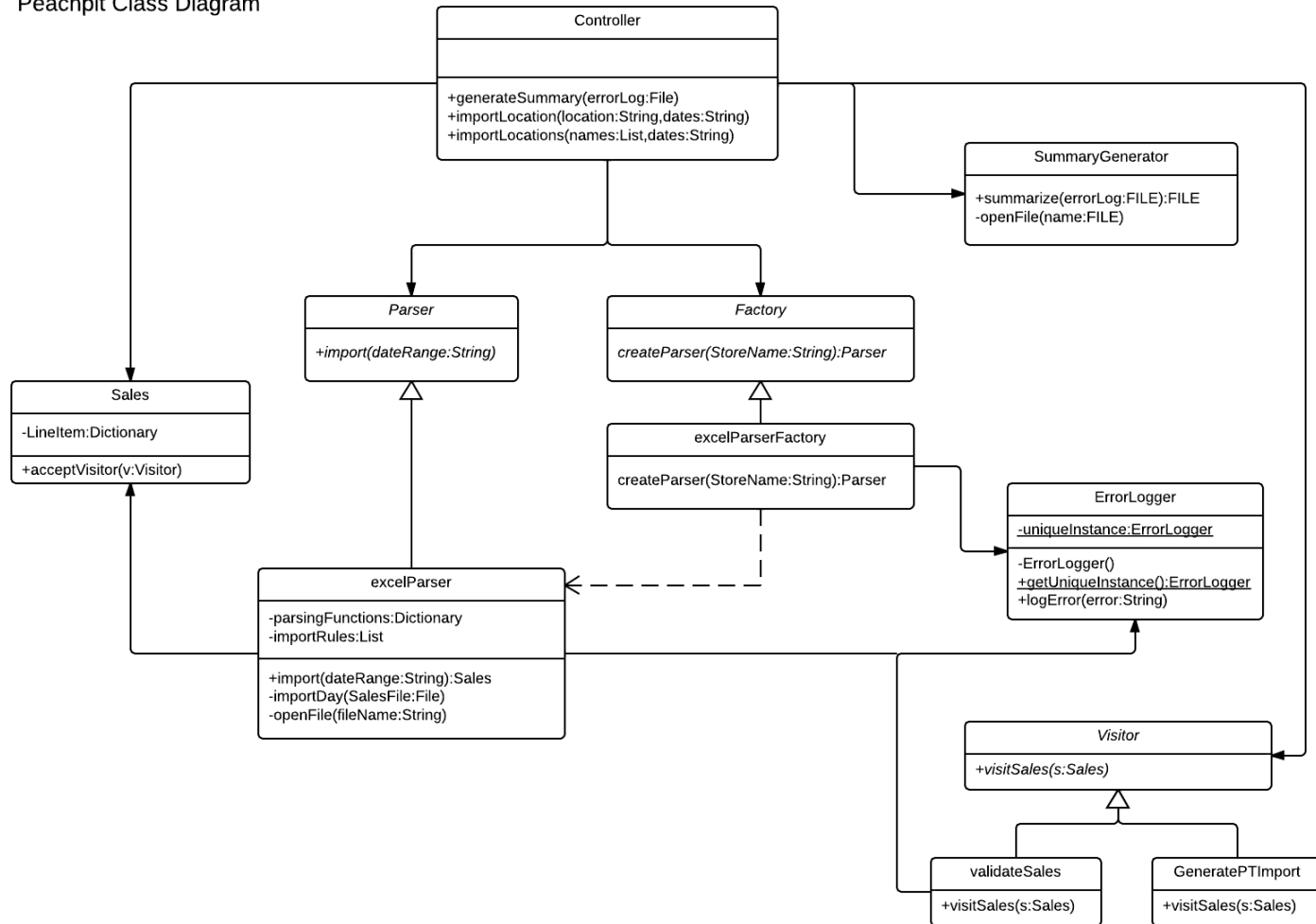
Abstract Factory Pattern

➢ Encapsulate differences depending on file type

➢ Allow for extension, additional types of sales files might be changed in the future

Peachpit Class Diagram

Lessons

➢ Don't over engineer
➢ Paul hates python