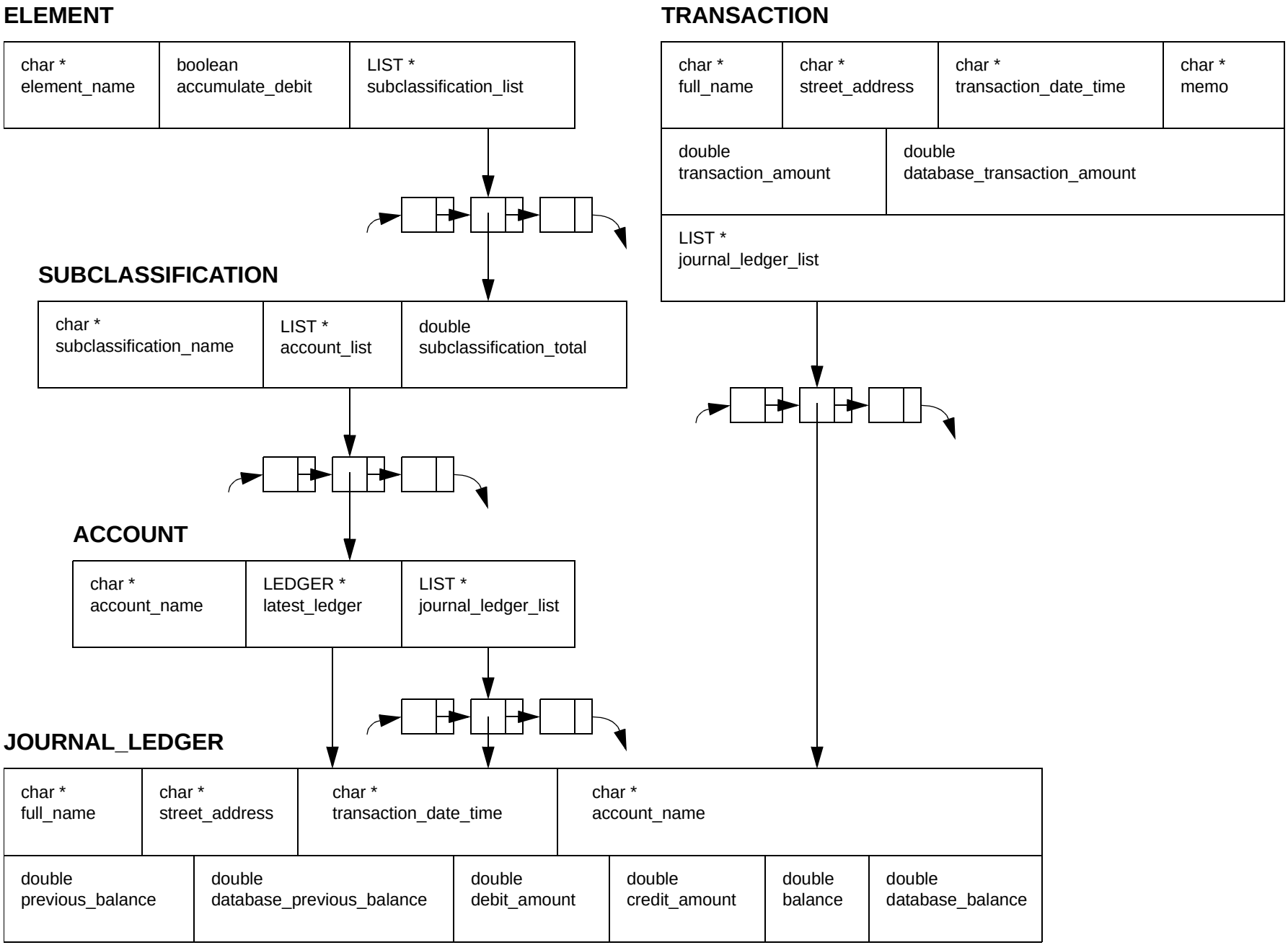
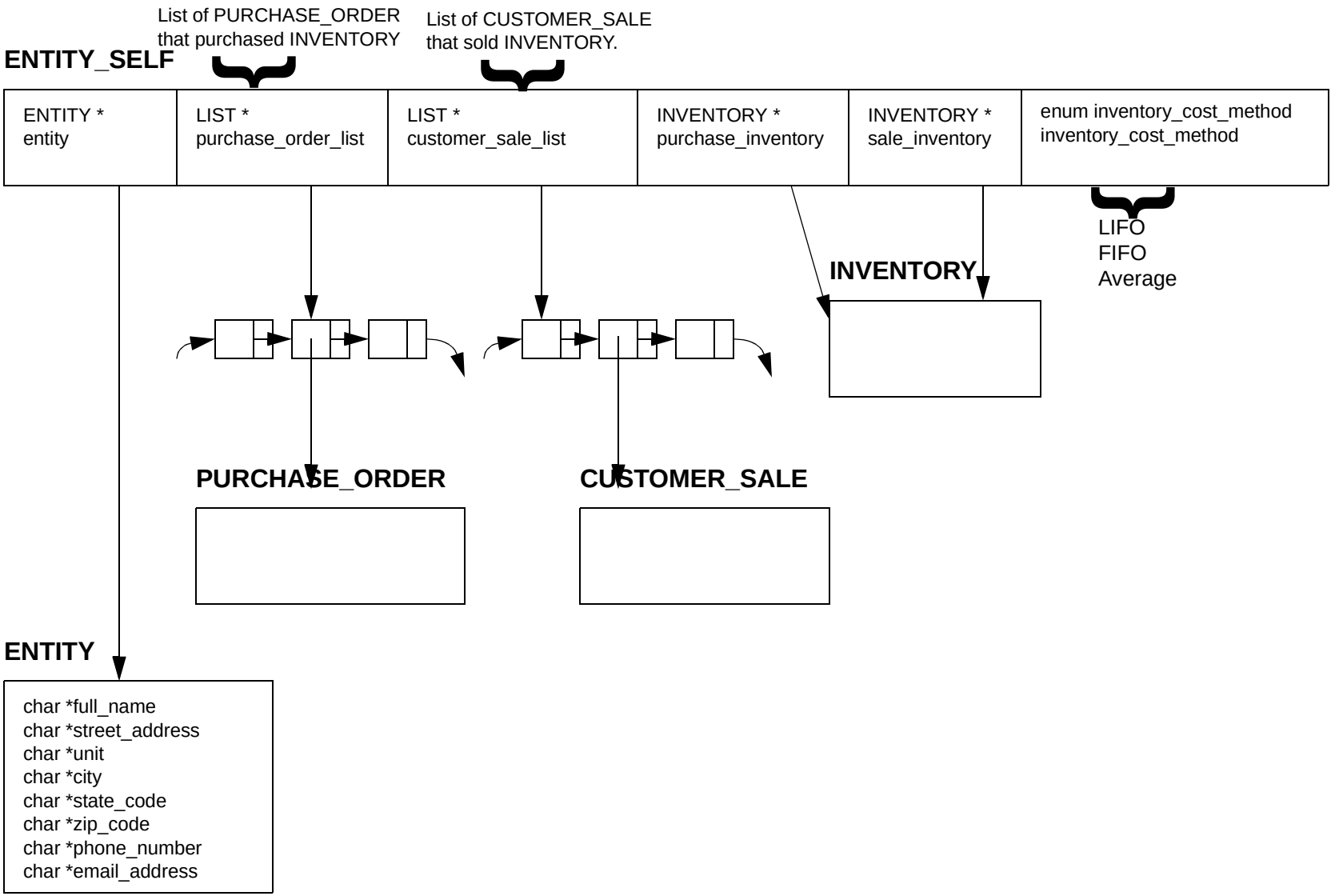
Accountancy Model Data Structure



© Tim Riley 2012-2017

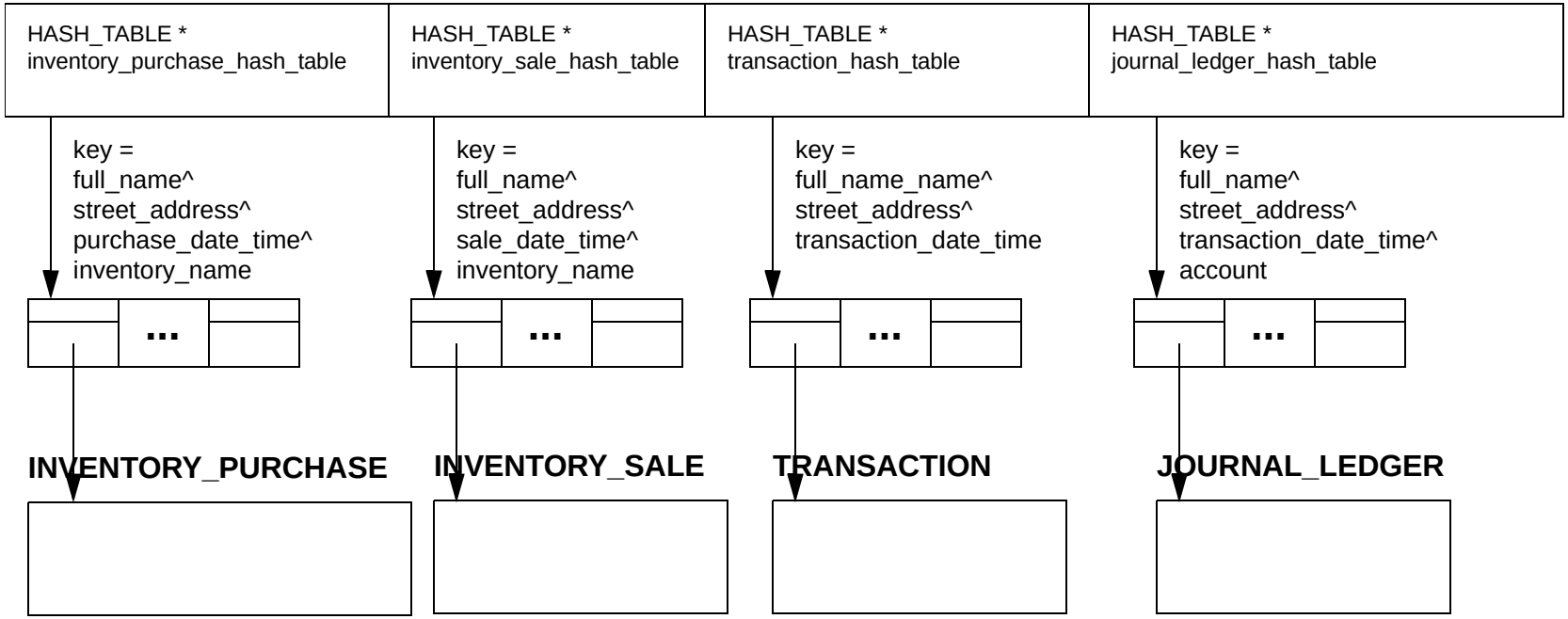
Accountancy Model Data Structure



© Tim Riley 2012-2017

Accountancy Model Data Structure

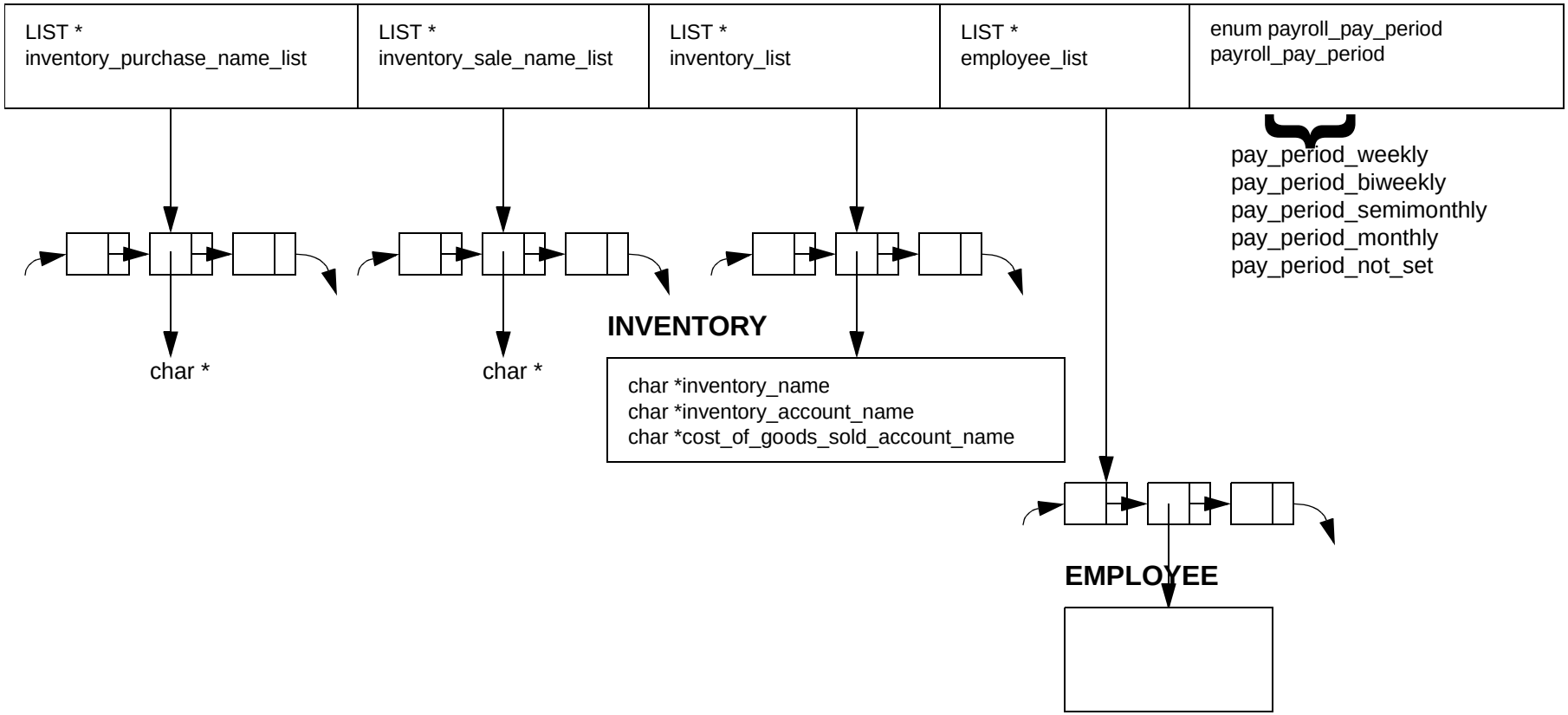
ENTITY_SELF (continued)



© Tim Riley 2012-2017

Accountancy Model Data Structure

ENTITY_SELF (continued)



ENTITY_SELF (continued)

double social_security_combined_tax_rate	double federal_unemployment_tax_standard_rate
int social_security_payroll_ceiling	int state_unemployment_gross_pay_ceiling
double medicare_combined_tax_rate	double state_unemployment_tax_rate
int federal_unemployment_gross_pay_ceiling	double state_unemployment_threshold_rate
double federal_unemployment_tax_minimum_rate	double withholding_allowance_period_value

© Tim Riley 2012-2017

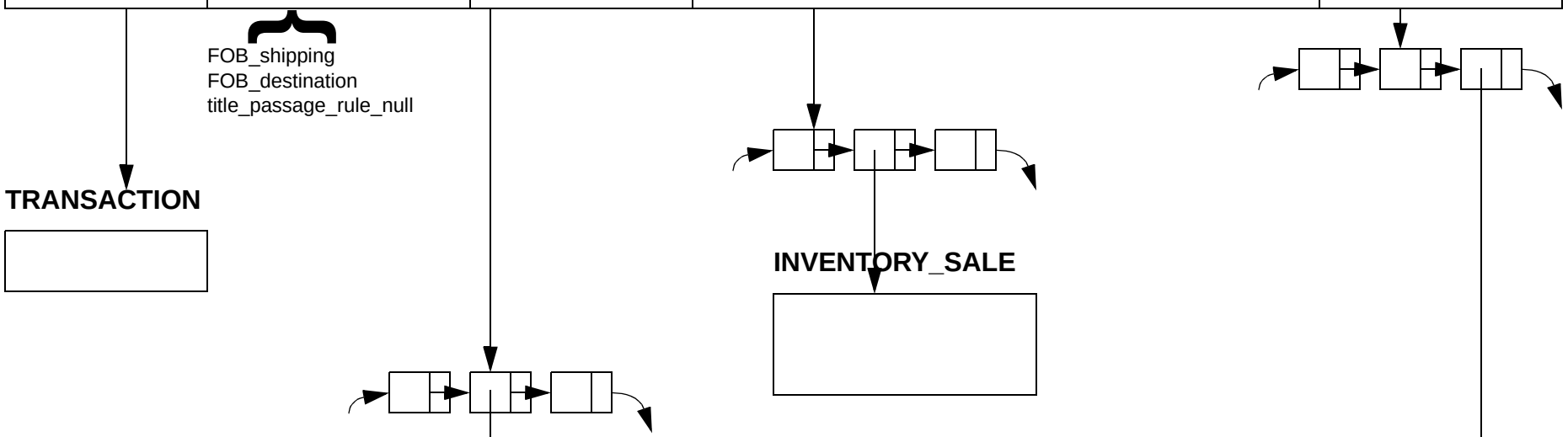
Accountancy Model Data Structure

CUSTOMER_SALE (1)

char *	full_name	double	sum_inventory_extension	double	shipping_revenue		
char *	street_address	double	database_sum_inventory_extension	double	invoice_amount		
char *	sale_date_time	double	sum_fixed_service_extension	double	database_invoice_amount		
char *	transaction_date_time	double	database_sum_fixed_service_extension	double	amount_due		
char *	database_transaction_date_time	double	sum_hourly_service_extension	double	database_amount_due		
char *	completed_date_time	double	database_sum_hourly_service_extension	double	total_payment		
double	sales_tax	double	sum_extension	double	database_total_payment		
double	database_sales_tax	double	database_sum_extension				

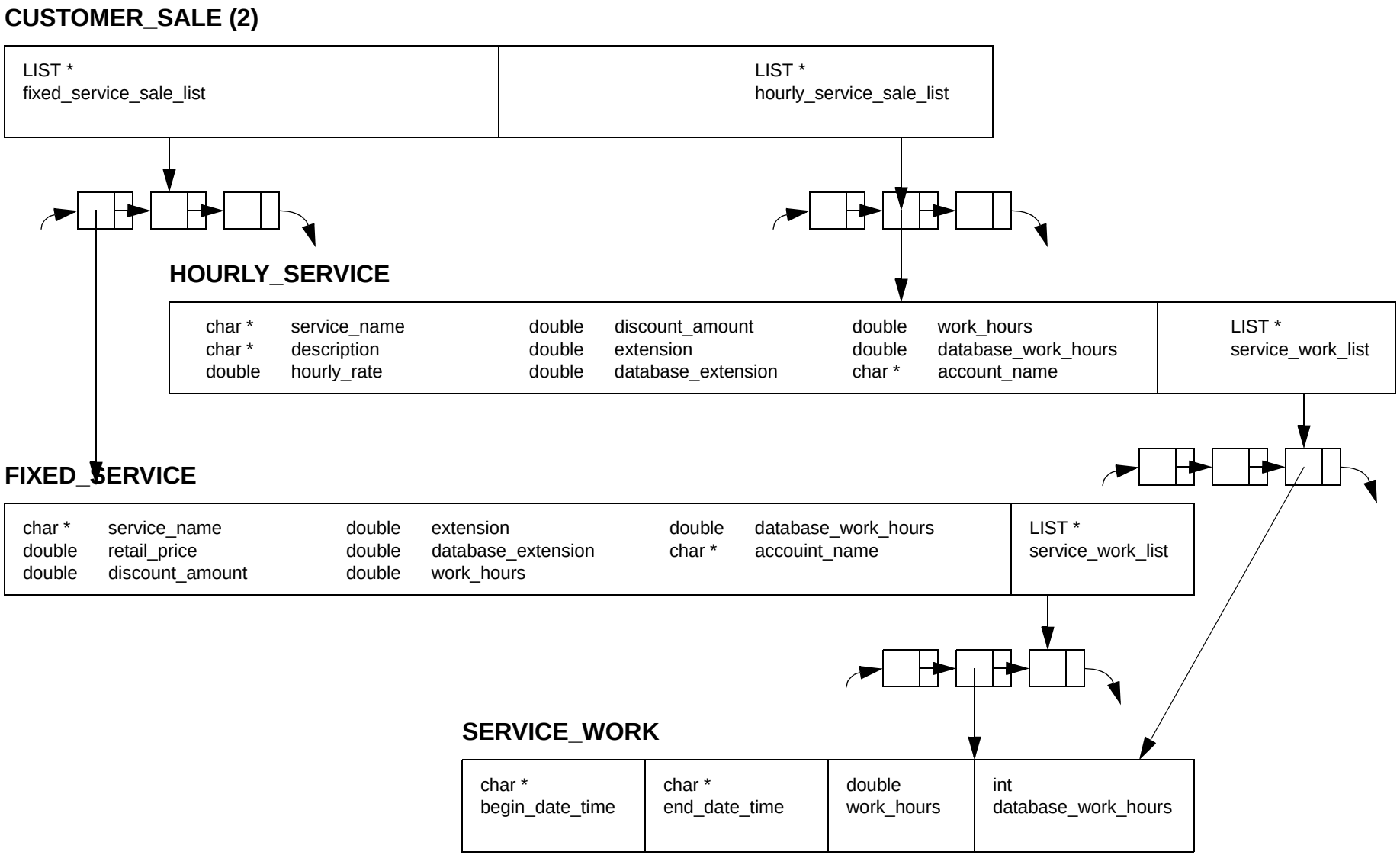
TRANSACTION * transaction	enum title_passage_rule title_passage_rule	LIST * payment_list	LIST * inventory_sale_list	LIST * specific_inventory_ sale_list

FOB_shipping
FOB_destination
title_passage_rule_null



© Tim Riley 2012-2017

Accountancy Model Data Structure



© Tim Riley 2012-2017

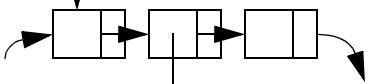
Accountancy Model Data Structure

PURCHASE_ORDER (1)

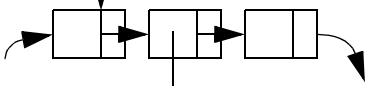
char *	full_name	double	sum_prepaid_asset_extension	double	amount_due
char *	street_address	doulbe	sum_extension	double	database_amount_due
char *	purchase_date_time	double	database_sum_extension	char *	shipped_date
char *	transaction_date_time	double	sales_tax	char *	arrived_date_time
char *	database_transaction_date_time	double	freight_in	LIST *	service_purchase_list
double	sum_inventory_extension	double	purchase_amount	TRANSACTION *transaction	
double	sum_service_extension	double	database_purchase_amount		
double	sum_fixed_asset_extension	double	sum_payment_amount		

LIST * propagate_account_list	LIST * inventory_purchase_list	enum title_passage_rule title_passage_rule	LIST * supply_purchase_list	LIST * service_purchase_list

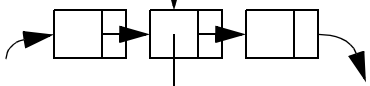
FOB_shipping
FOB_destination
title_passage_rule_null



ACCOUNT

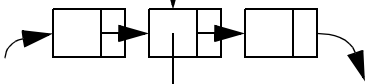


INVENTORY_PURCHASE



PURCHASE_SUPPLY

char *supply_name
int quantity
double unit_cost
double extension
double database_extension
char *account_name



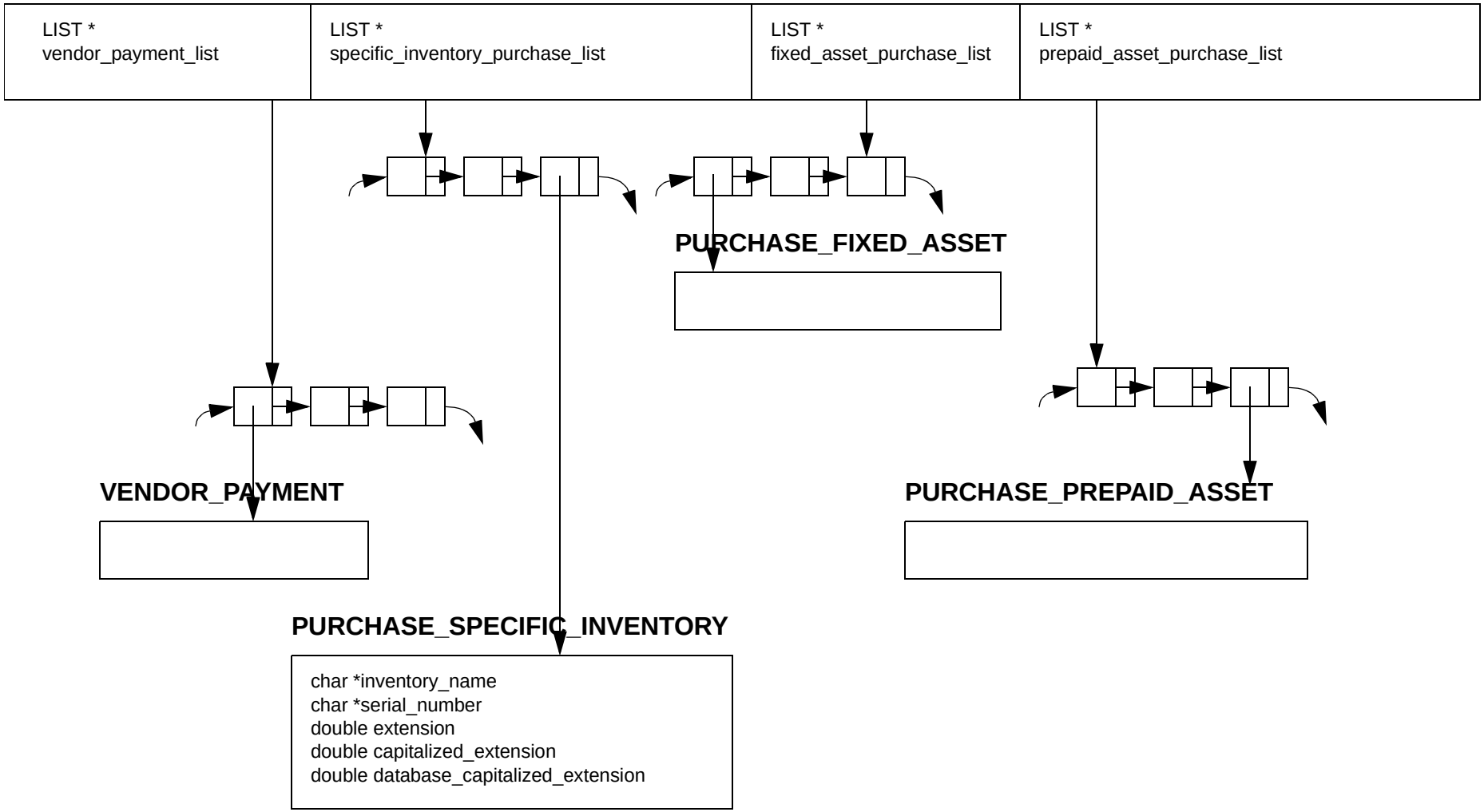
PURCHASE_SERVICE

char *account_name
double extension

© Tim Riley 2012-2017

Accountancy Model Data Structure

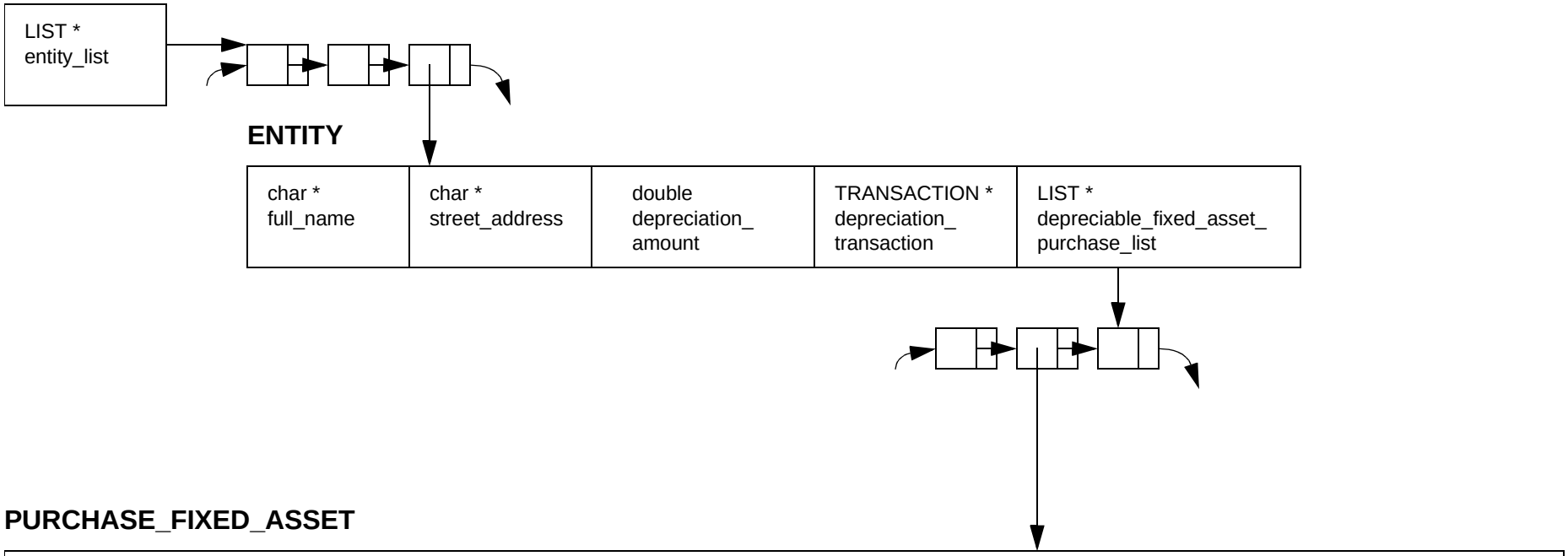
PURCHASE_ORDER (2)



© Tim Riley 2012-2017

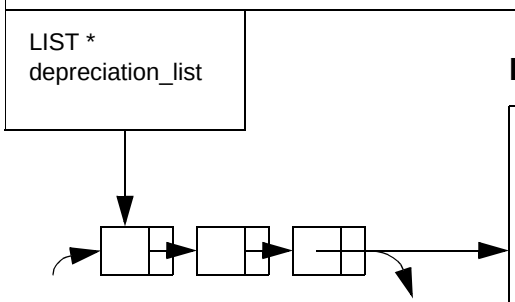
Accountancy Model Data Structure

FIXED_ASSET_DEPRECIATION



PURCHASE_FIXED_ASSET

char *	full_name	char *	account_name	int	estimated_residual_value
char *	street_address	char *	arrived_date_time	int	declining_balance_n
char *	purchase_date_time	double	extension	char *	depreciation_method
char *	asset_name	int	estimated_useful_life_years	double	accumulated_depreciation
char *	serial_number	int	estimated_useful_life_units	double	database_accumulated_depreciation
				char *	max_depreciation_date



DEPRECIATION

char *	full_name	char *	depreciation_date
char *	street_address	double	depreciation_amount
char *	purchase_date_time	double	database_depreciation_amount
char *	asset_name	char *	transaction_date_time
char *	serial_number	char *	database_transaction_date_time
int	units_produced	TRANSACTION *	transaction

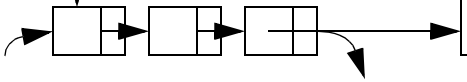
© Tim Riley 2012-2017

Accountancy Model Data Structure

PURCHASE_PREPAID_ASSET

char *	full_name	char *	asset_account_name	double	accumulated_accrual
char *	street_address	char *	expense_account_name	double	database_accumulated_accrual
char *	purchase_date_time	double	extension		
char *	asset_name	double	accrual_period_years		

LIST *
accrual_list



ACCRUAL

char *	full_name	double	accrual_amount
char *	street_address	double	database_accrual_amount
char *	purchase_date_time	char *	transaction_date_time
char *	asset_name	char *	database_transaction_date_time
char *	accrual_date	TRANSACTION *	transaction

VENDOR_PAYMENT

char * payment_date_time	double payment_amount	char * transaction_date_time	char * database_transaction_date_time	TRANSACTION * transaction

TRANSACTION

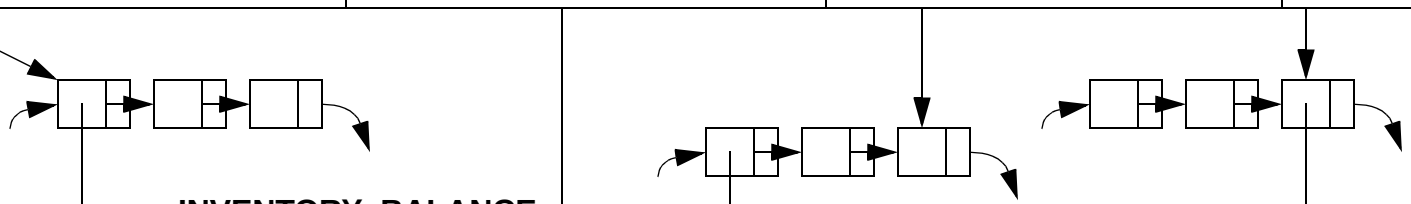
© Tim Riley 2012-2017

Accountancy Model Data Structure

INVENTORY

char * inventory_name	double retail_price	int reorder_quantity	char * inventory_account_name	char * cost_of_goods_sold_account_name

LIST * inventory_purchase_list	INVENTORY_BALANCE * last_inventory_balance	LIST * inventory_balance_list	LIST * inventory_sale_list



INVENTORY_BALANCE

int quantity_on_hand	double average_unit_cost	double total_cost_balance

INVENTORY_PURCHASE * inventory_purchase	INVENTORY_SALE * inventory_sale

INVENTORY_PURCHASE

char *full_name	int arrived_quantity
char *street_address	int database_arrived_quantity
char *purchase_date_time	int missing_quantity
char *inventory_name	int quantity_on_hand
int ordered_quantity	int database_quantity_on_hand
double unit_cost	double average_unit_cost
double capitalized_unit_cost	double database_average_unit_cost
double database_capitalized_unit_cost	char *arrived_date_time
double extension	char *inventory_account_name
double database_extension	

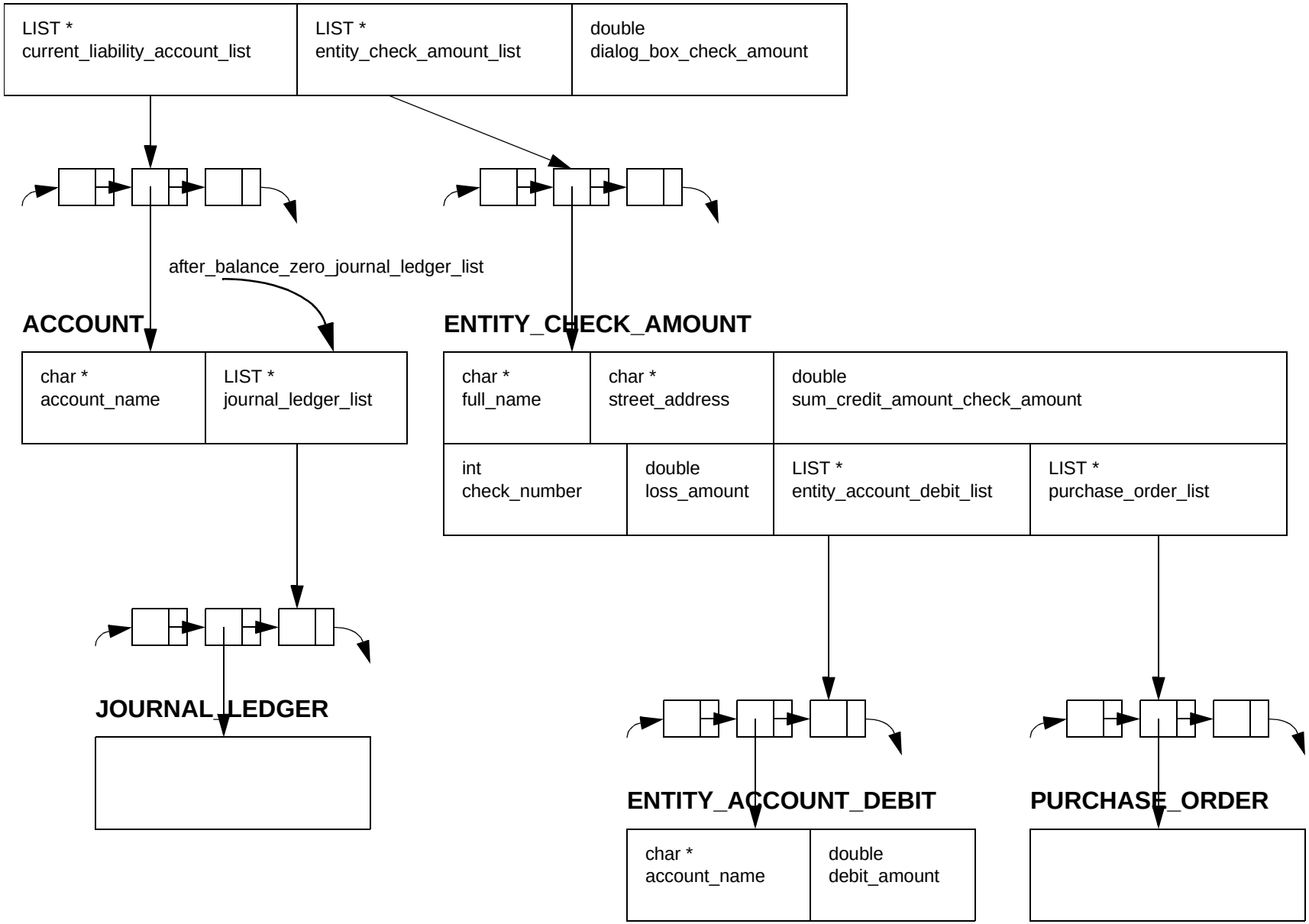
INVENTORY_SALE

char *full_name
char *street_address
char *sale_date_time
char *inventory_name
int quantity
double retail_price
double discount_amount
double extension
double database_extension
double cost_of_goods_sold
double database_cost_of_goods_sold
char *completed_date_time
char *inventory_account_name
char *cost_of_goods_sold_account_name

© Tim Riley 2012-2017

Accountancy Model Data Structure

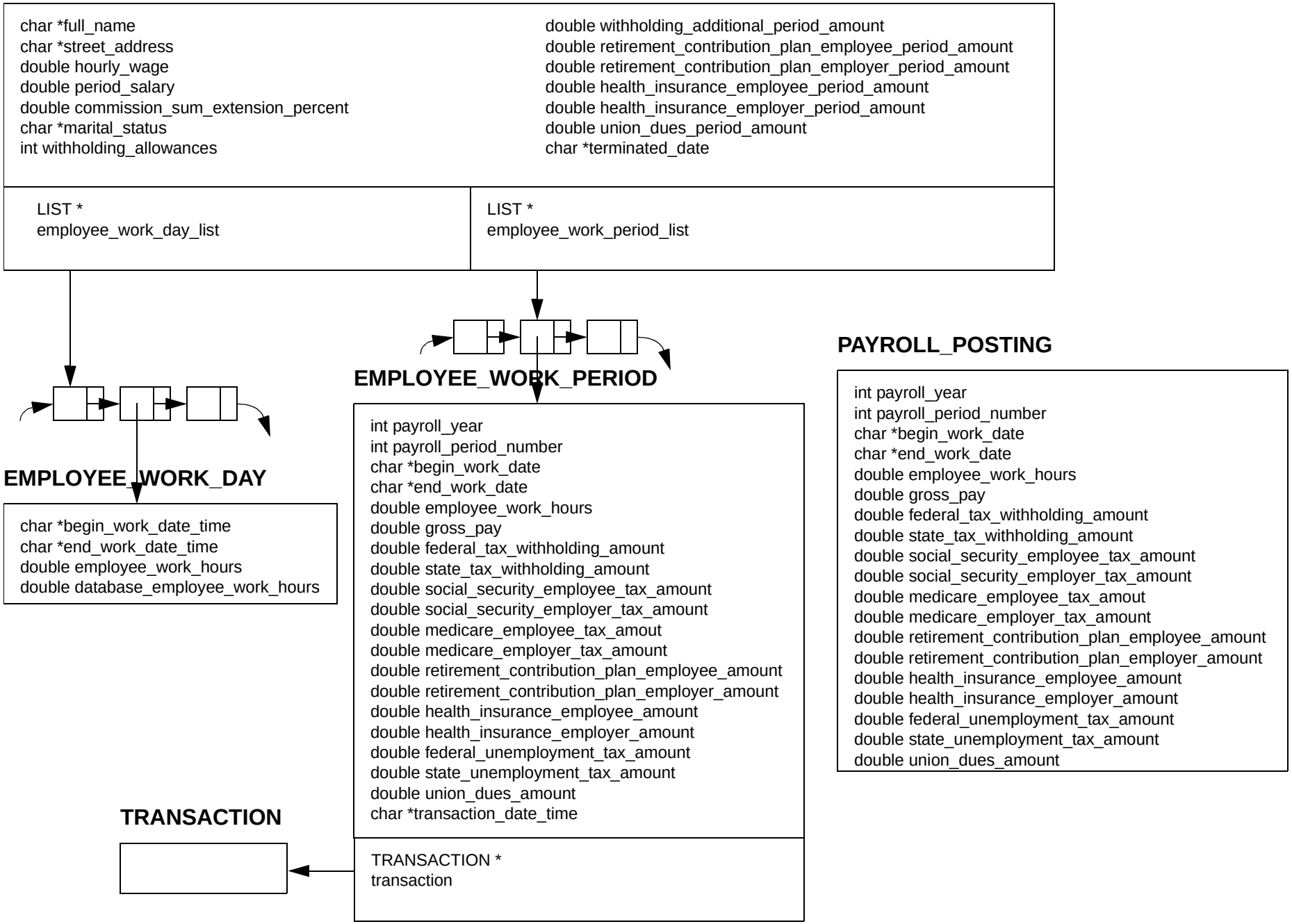
PRINT_CHECKS



© Tim Riley 2012-2017

Accountancy Model Data Structure

EMPLOYEE



© Tim Riley 2012-2017