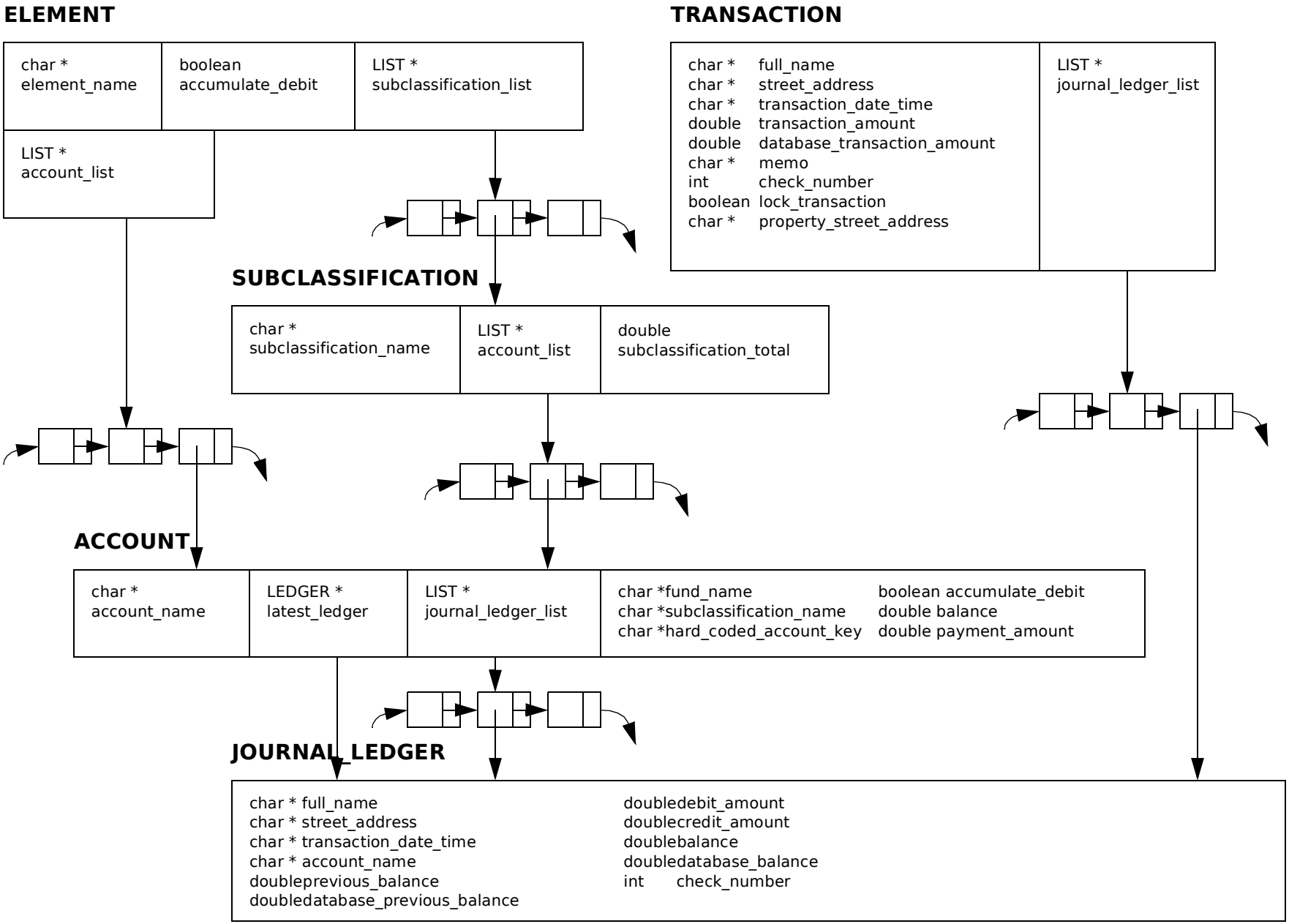
PredictiveBooks Data Structure



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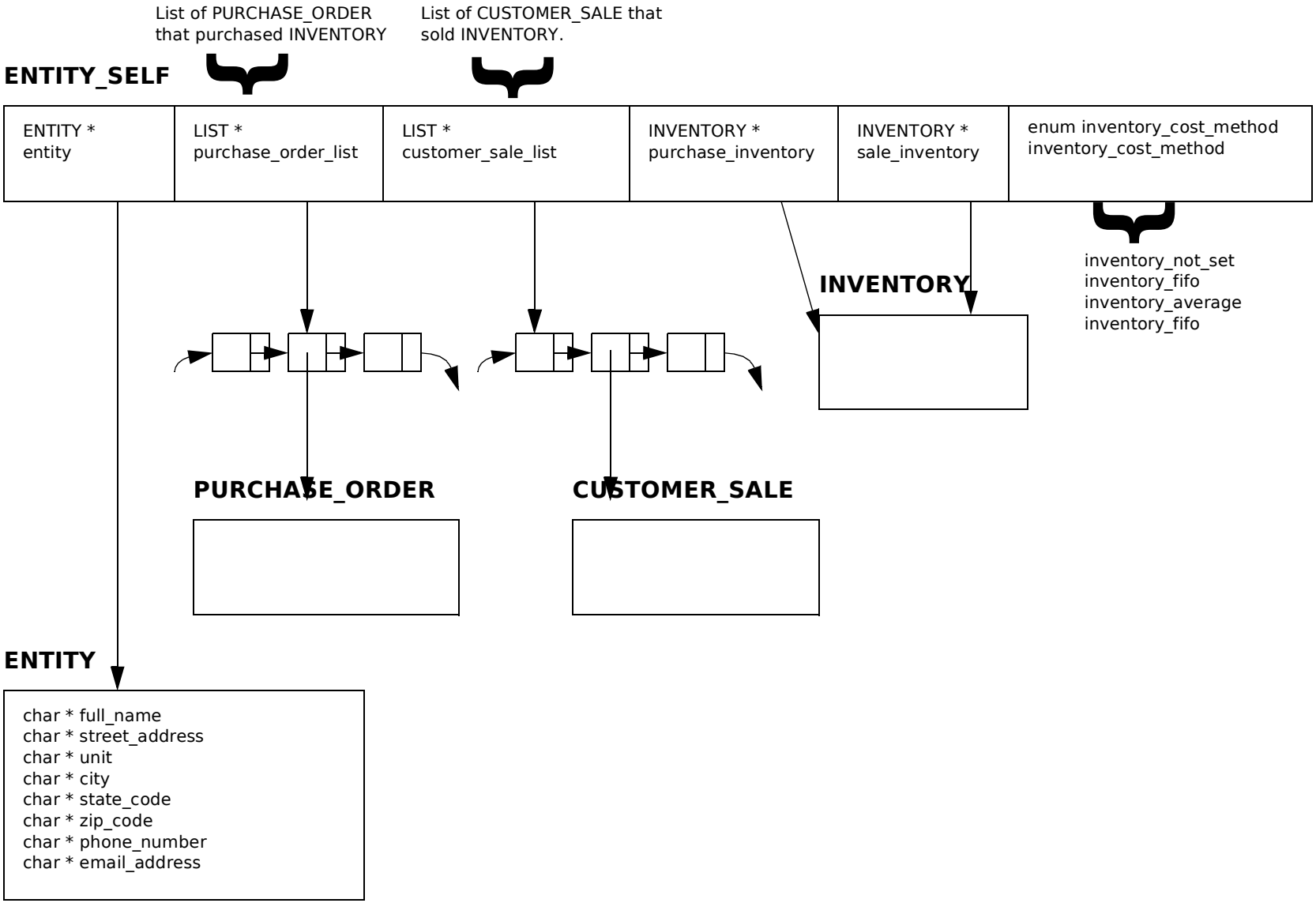
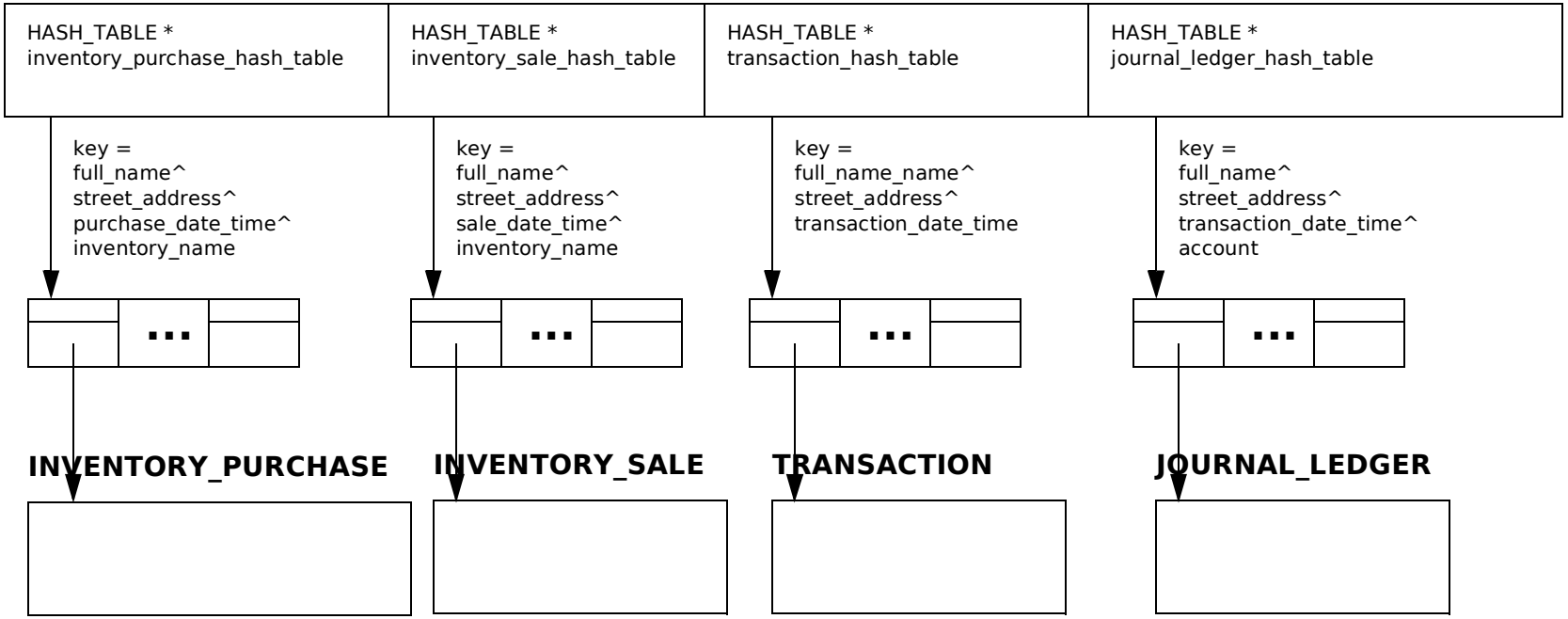
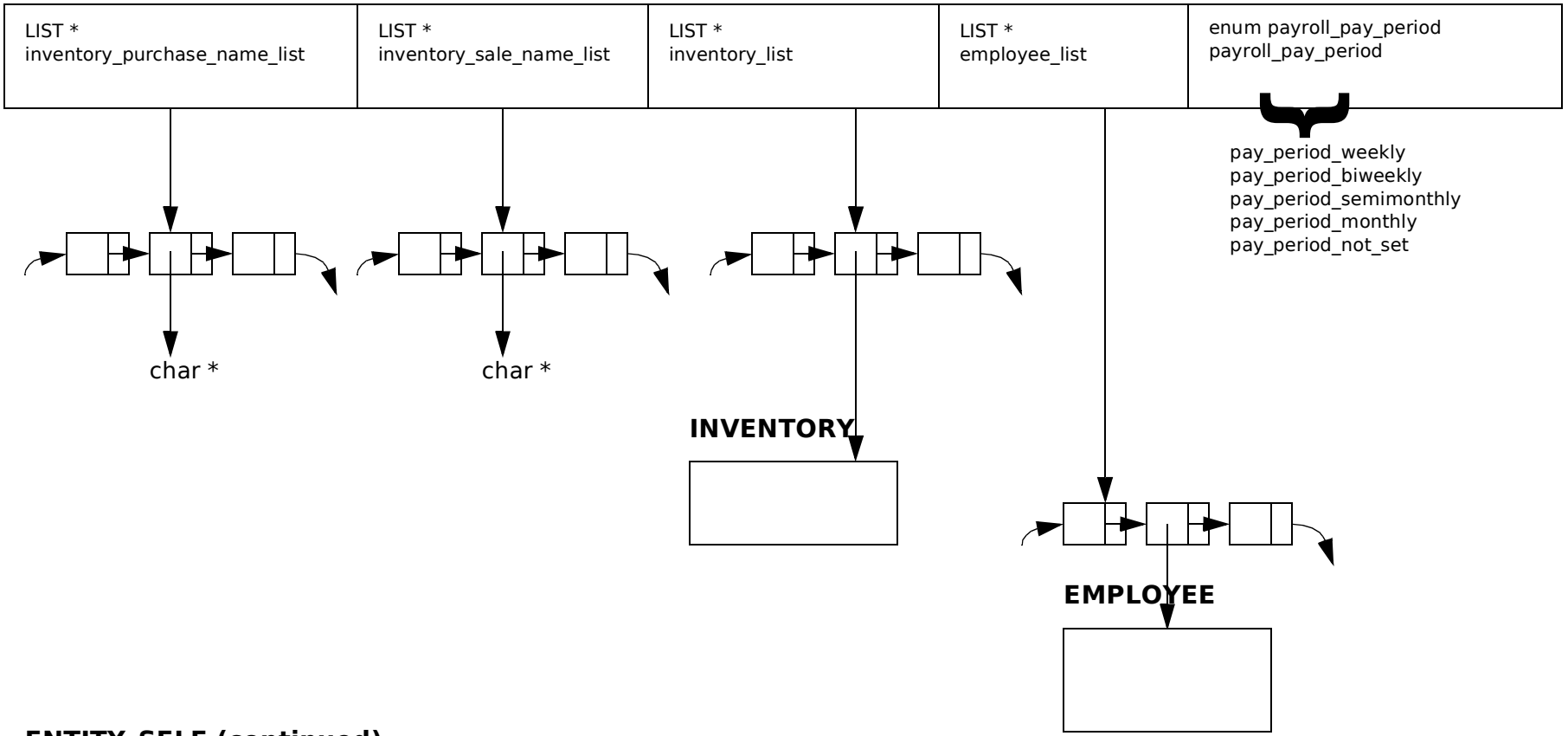

List of PURCHASE_ORDER that purchased INVENTORY
List of CUSTOMER_SALE that sold INVENTORY.
ENTITY_SELF
ENTITY * entity
LIST * purchase_order_list
LIST * customer_sale_list
INVENTORY * purchase_inventory
INVENTORY * sale_inventory
enum inventory_cost_method inventory_cost_method
inventory_not_set
inventory_fifo
inventory_average
inventory_fifo
INVENTORY
PURCHASE_ORDER
CUSTOMER_SALE
ENTITY
char * full_name
char * street_address
char * unit
char * city
char * state_code
char * zip_code
char * phone_number
char * email_address

ENTITY_SELF (continued)



ENTITY_SELF (continued)



ENTITY_SELF (continued)

char *payroll_beginning_day
double social_security_combined_tax_rate
int social_security_payroll_ceiling
double medicare_combined_tax_rate
double medicare_additional_withholding_rate
int medicare_additional_gross_pay_floor
double federal_withholding_allowance_period_value
double federal_nonresident_withholding_income_premium
double state_withholding_allowance_period_value
double state_itemized_allowance_period_value

int federal_unemployment_wage_base
double federal_unemployment_tax_standard_rate
double federal_unemployment_threshold_rate
double federal_unemployment_tax_minimum_rate
int state_unemployment_wage_base
double state_unemployment_tax_rate
double state_sales_tax_rate

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CUSTOMER_SALE (1)

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

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

TRANSACTION

INVENTORY_SALE

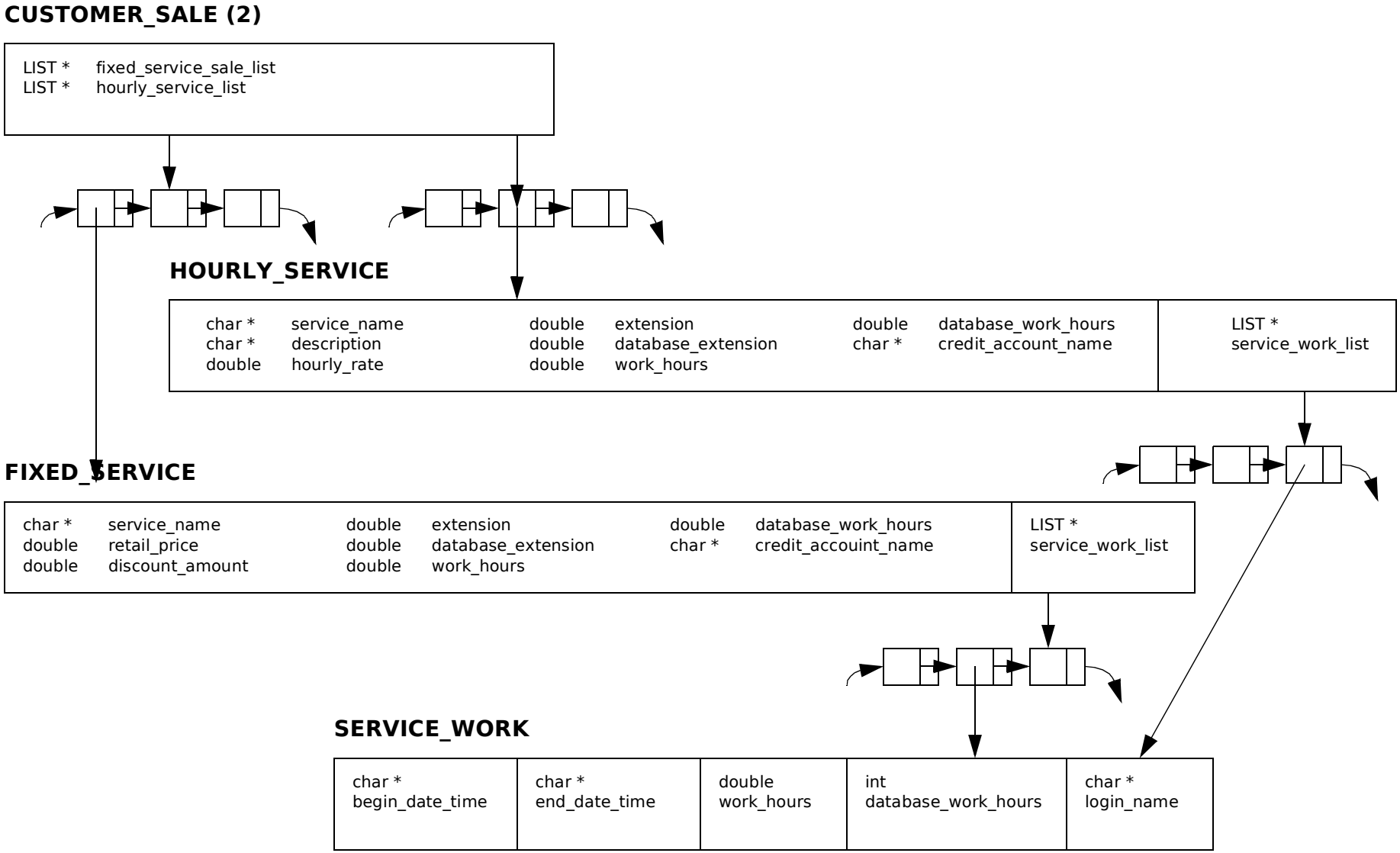
CUSTOMER_PAYMENT

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

TRANSACTION

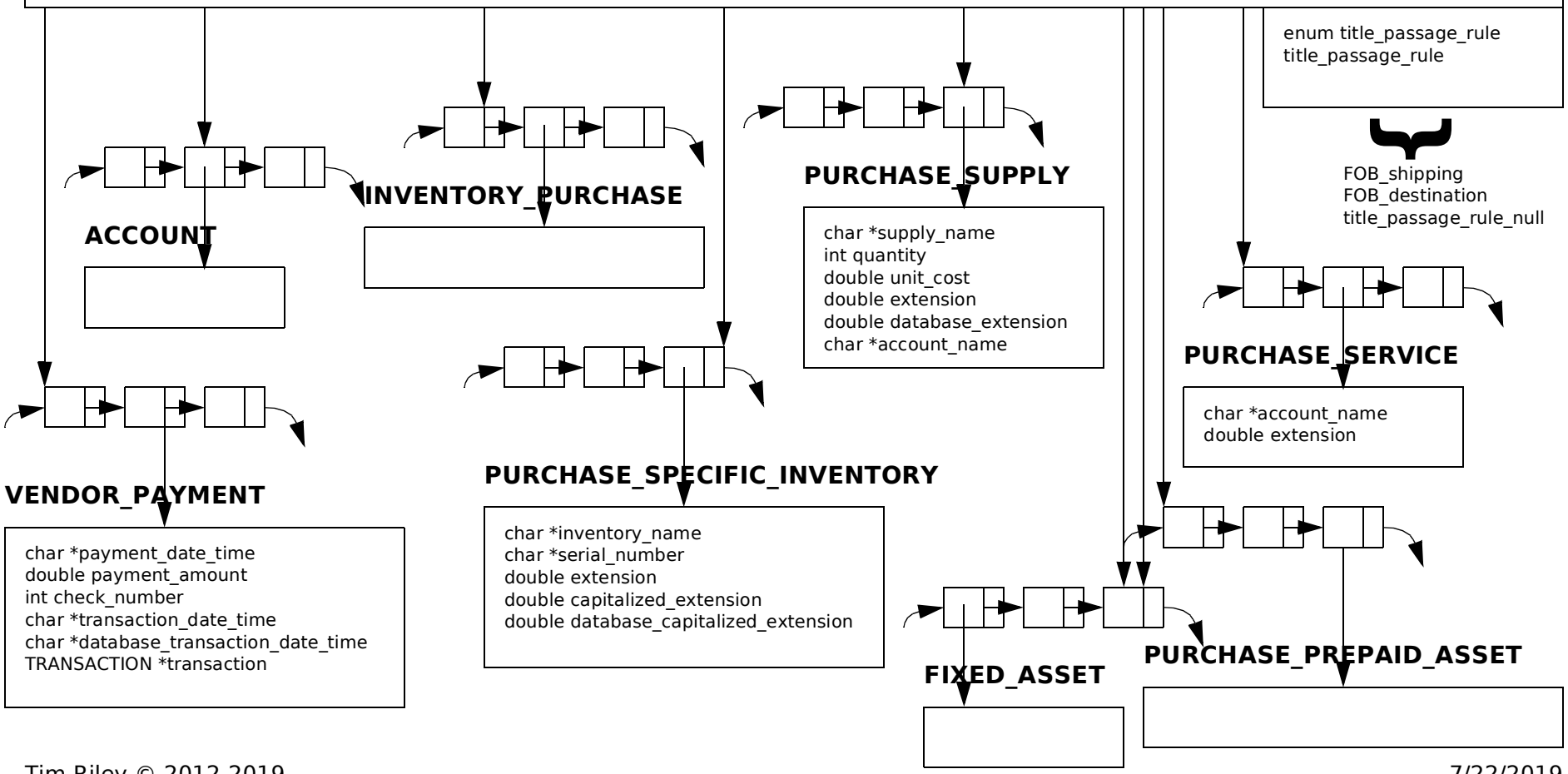
SPECIFIC_INVENTORY_SALE

char *inventory_name
char *serial_number
double extension
double discount_amount
double database_extension
double cost_of_goods_sold
char *credit_account_name


CUSTOMER_SALE (2)
LIST * fixed_service_sale_list
LIST * hourly_service_list
HOURLY_SERVICE
char * service_name
char * description
double hourly_rate
double extension
double database_extension
double work_hours
double database_work_hours
char * credit_account_name
LIST * service_work_list
FIXED_SERVICE
char * service_name
double retail_price
double discount_amount
double extension
double database_extension
double work_hours
double database_work_hours
char * credit_accouint_name
LIST * service_work_list
SERVICE_WORK
char * begin_date_time
char * end_date_time
double work_hours
int database_work_hours
char * login_name

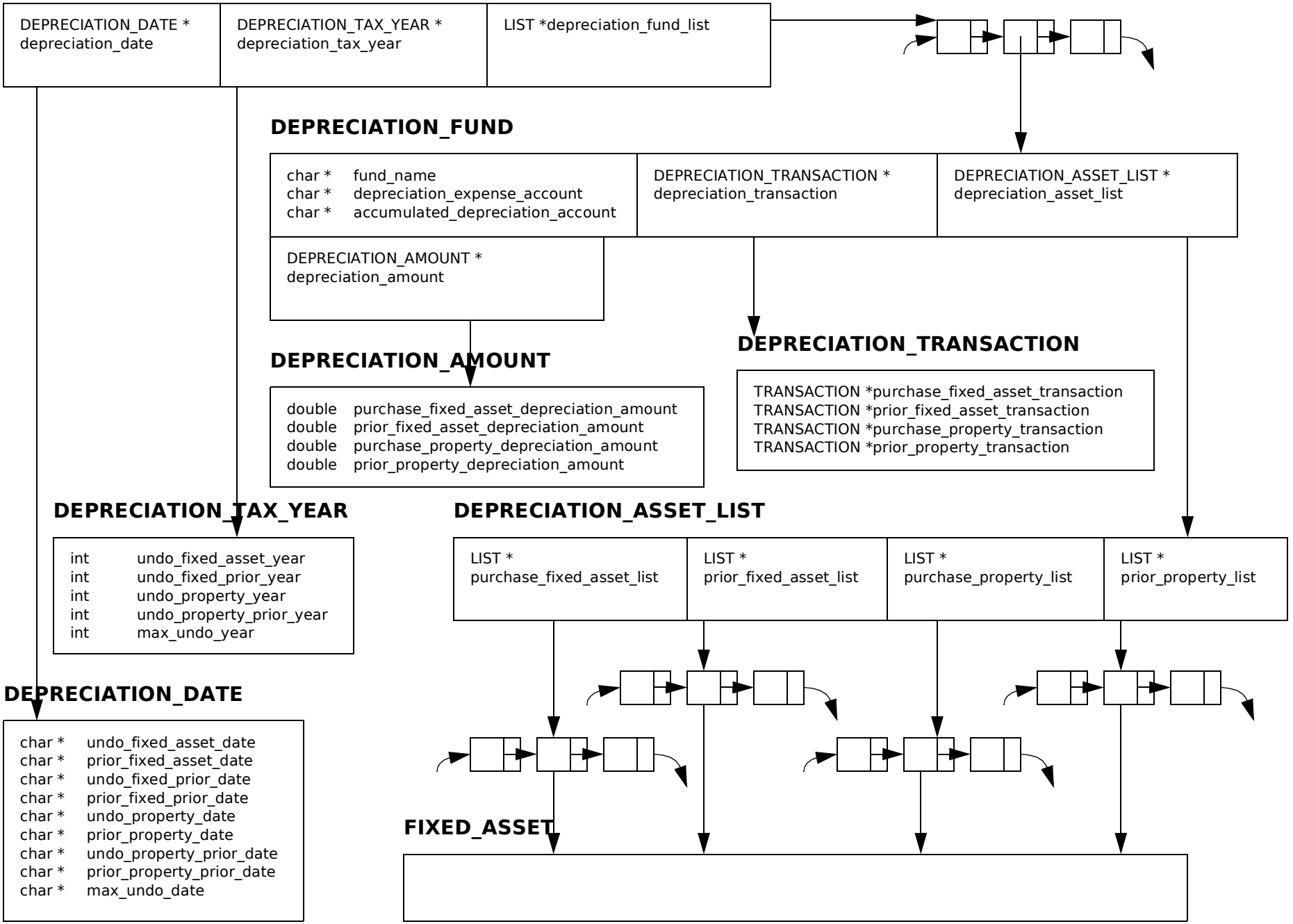
PURCHASE_ORDER (1)

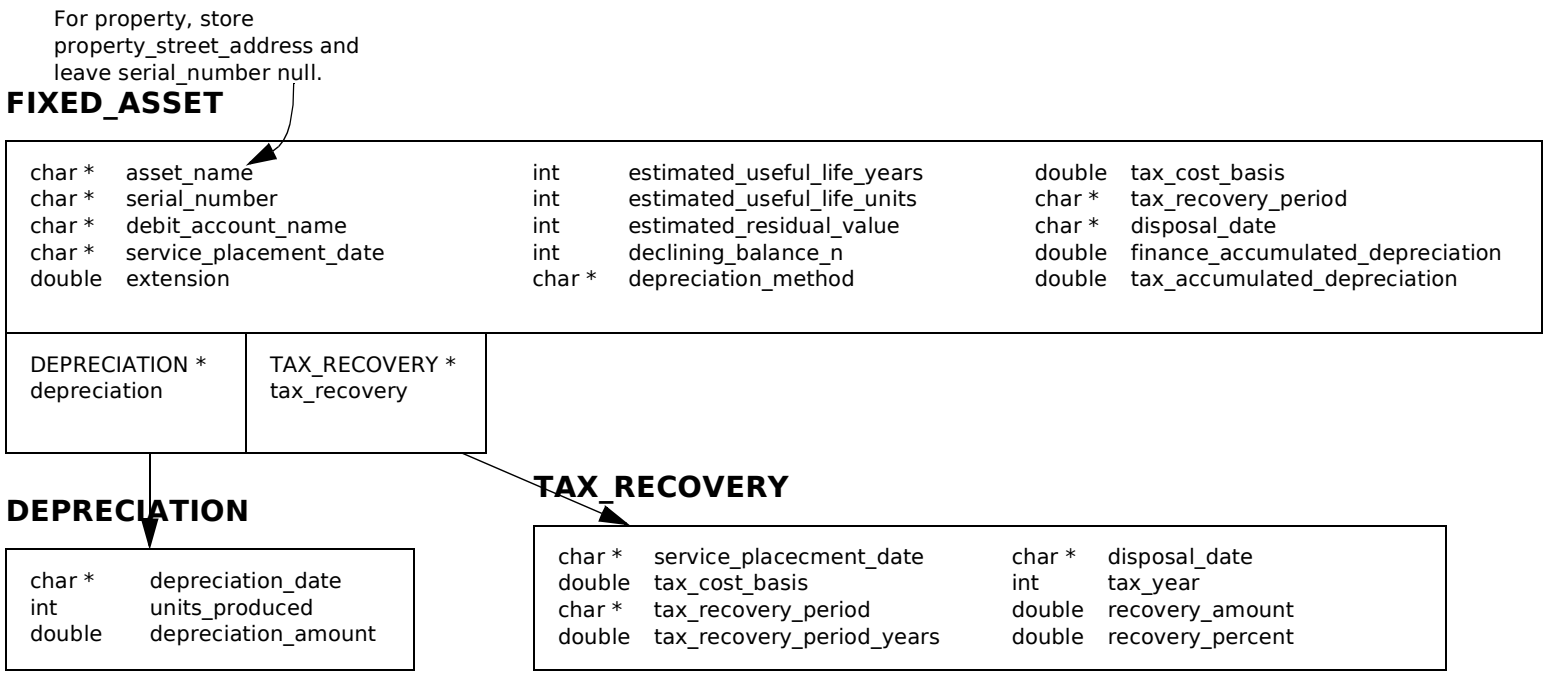
char *	full_name	double	database_sum_extension	char *	database_arrived_date_time
char *	street_address	double	sales_tax	LIST *	inventory_purchase_list
char *	purchase_date_time	double	freight_in	LIST *	specific_inventory_purchase_list
char *	transaction_date_time	double	purchase_amount	LIST *	service_purchase_list
char *	database_transaction_date_time	double	database_purchase_amount	LIST *	supply_purchase_list
double	sum_inventory_extension	double	sum_payment_amount	LIST *	fixed_asset_purchase_list
double	sum_specific_inventory_extension	double	amount_due	LIST *	property_fixed_asset_purchase_list
double	sum_supply_extension	double	database_amount_due	LIST *	prepaid_asset_purchase_list
double	sum_service_extension	double	liability_payment_amount	LIST *	vendor_payment_list
double	sum_fixed_asset_extension	char *	shipped_date	LIST *	propagate_account_list
double	sum_prepaid_asset_extension	char *	database_shipped_date	TRANSACTION *	transaction
doulbe	sum_extension	char *	arrived_date_time	char *	property_street_address



PredictiveBooks Data Structure

DEPRECIATION_STRUCTURE

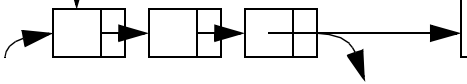



For property, store
property_street_address and
leave serial_number null.
FIXED_ASSET
char * asset_name
char * serial_number
char * debit_account_name
char * service_placement_date
double extension
int estimated_useful_life_years
int estimated_useful_life_units
int estimated_residual_value
int declining_balance_n
char * depreciation_method
double tax_cost_basis
char * tax_recovery_period
char * disposal_date
double finance_accumulated_depreciation
double tax_accumulated_depreciation
DEPRECIATION *
depreciation
TAX_RECOVERY *
tax_recovery
DEPRECIATION
char * depreciation_date
int units_produced
double depreciation_amount
TAX_RECOVERY
char * service_placecment_date
double tax_cost_basis
char * tax_recovery_period
double tax_recovery_period_years
char * disposal_date
int tax_year
double recovery_amount
double recovery_percent

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

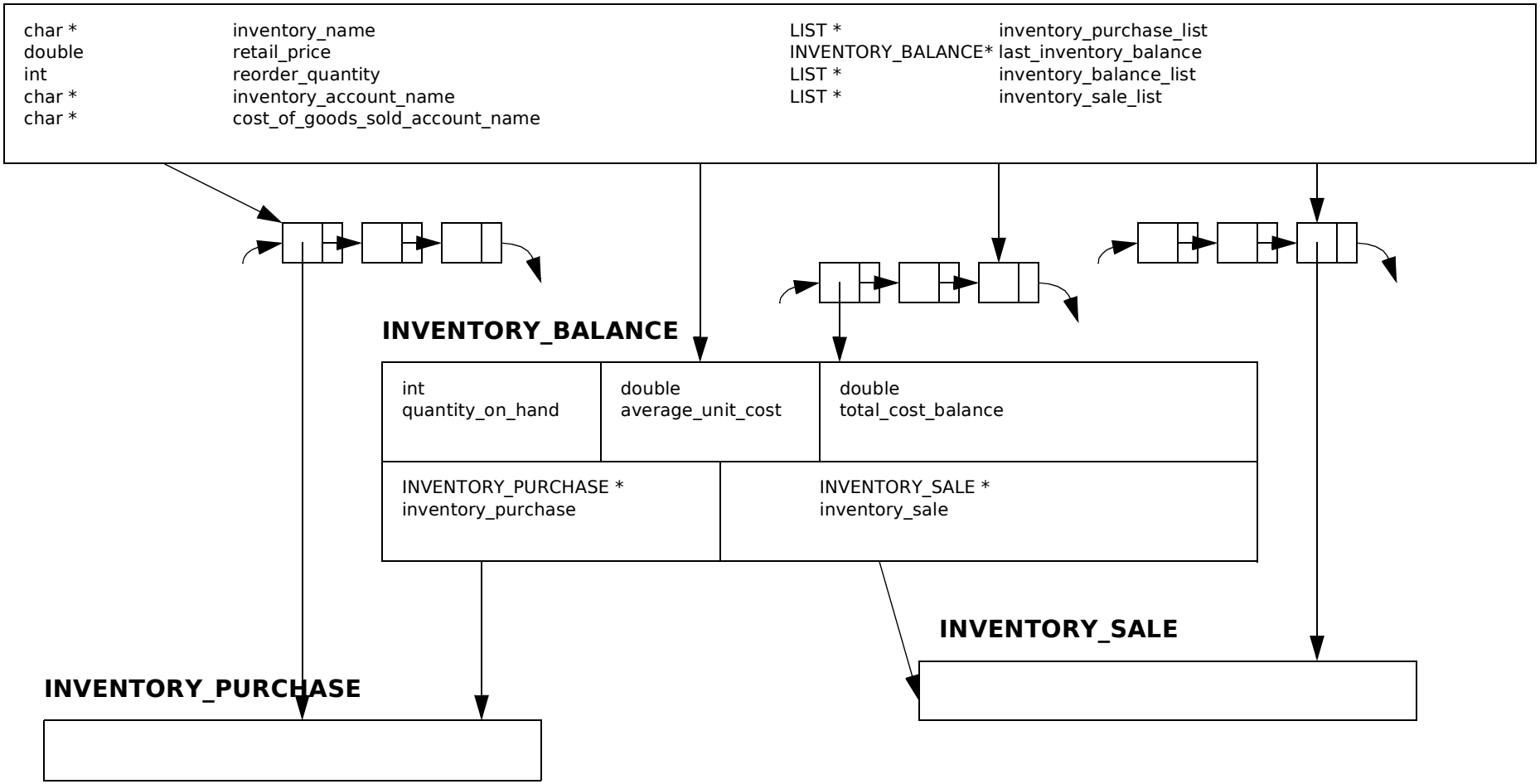
char *	full_name	double	accrual_amount
char *	street_address	double	database_accrual_amount
char *	purchase_date_time	char *	transaction_date_time
char *	asset_name	char *	database_transaction_date_time
char *	accrual_date	TRANSACTION *transaction	

VENDOR_PAYMENT

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

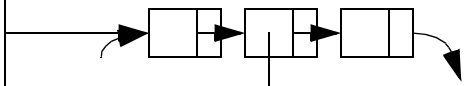
TRANSACTION

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_SALE
INVENTORY_PURCHASE

INVENTORY_PURCHASE

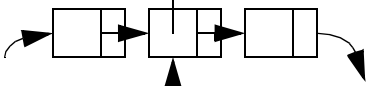
char *	full_name	int	database_arrived_quantity
char *	street_address	int	missing_quantity
char *	purchase_date_time	int	quantity_on_hand
char *	inventory_name	int	database_quantity_on_hand
int	ordered_quantity	int	layer_consumed_quantity
double	unit_cost	double	average_unit_cost
double	capitalized_unit_cost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



INVENTORY_PURCHASE_RETURN

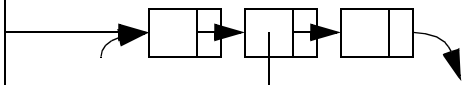
char *	return_date_time
int	returned_quantity
double	sales_tax
char *	transaction_date_time
char *	database_transaction_date_time
TRANSACTION *	transaction

TRANSACTION



INVENTORY_SALE

char *	full_name	double	database_extension
char *	street_address	double	cost_of_goods_sold
char *	sale_date_time	double	database_cost_of_goods_sold
char *	inventory_name	char *	completed_date_time
int	sold_quantity	char *	inventory_account_name
double	retail_price	char *	cost_of_goods_sold_account_name
double	discount_amount	LIST *	inventory_sale_return_list
double	extension	LIST *	layer_inventory_purchase_list



INVENTORY_SALE_RETURN

char *	return_date_time
int	returned_quantity
char *	transaction_date_time
char *	database_transaction_date_time
TRANSACTION *	transaction

TRANSACTION

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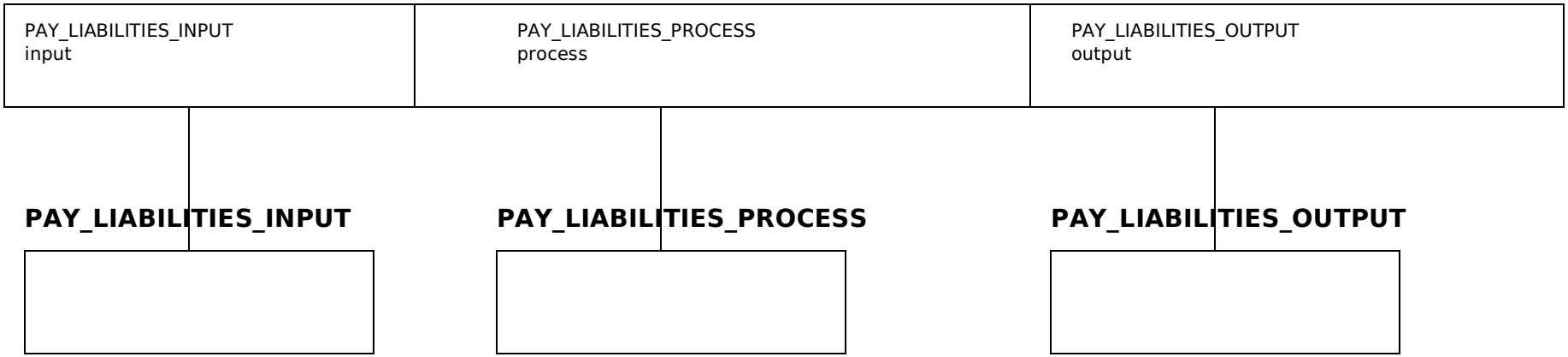
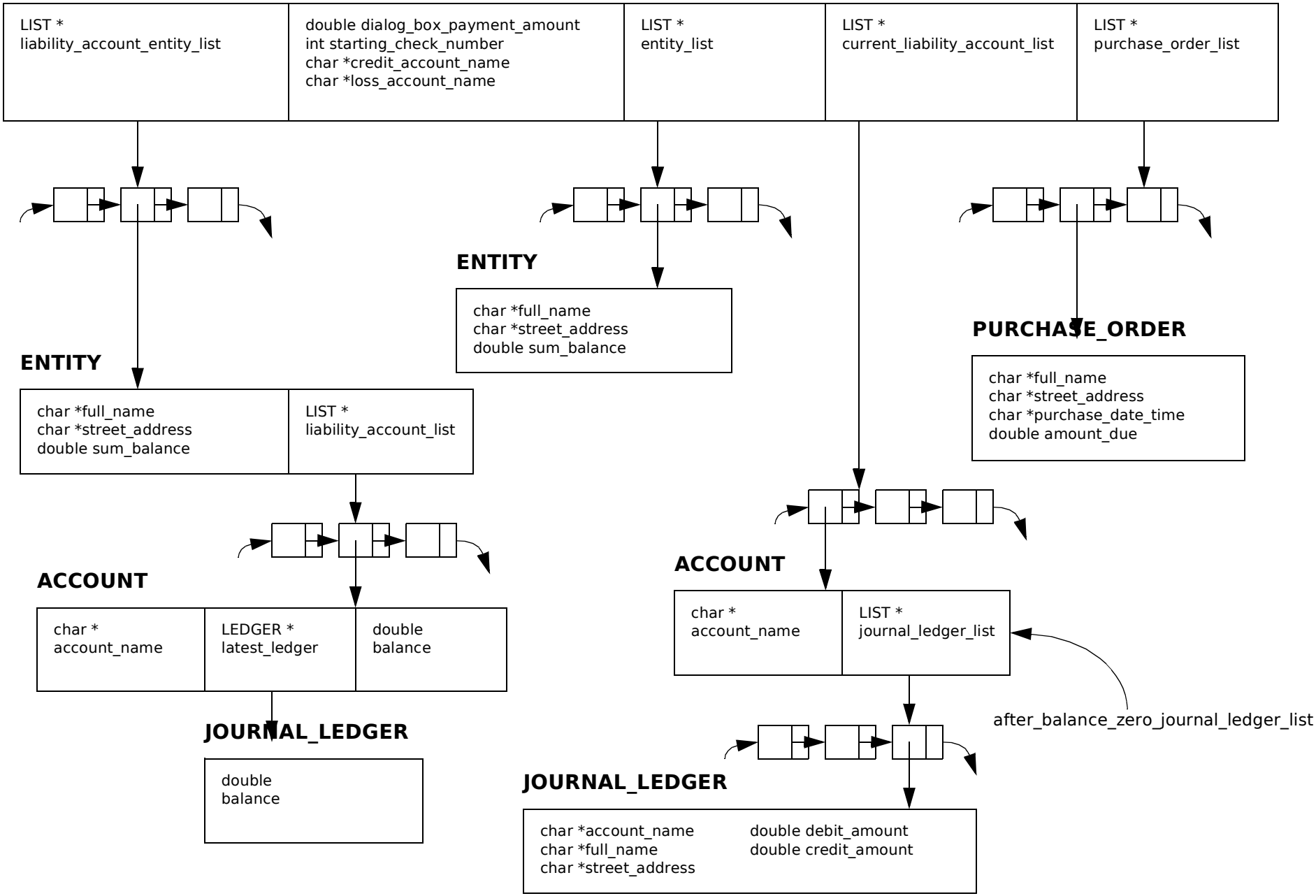
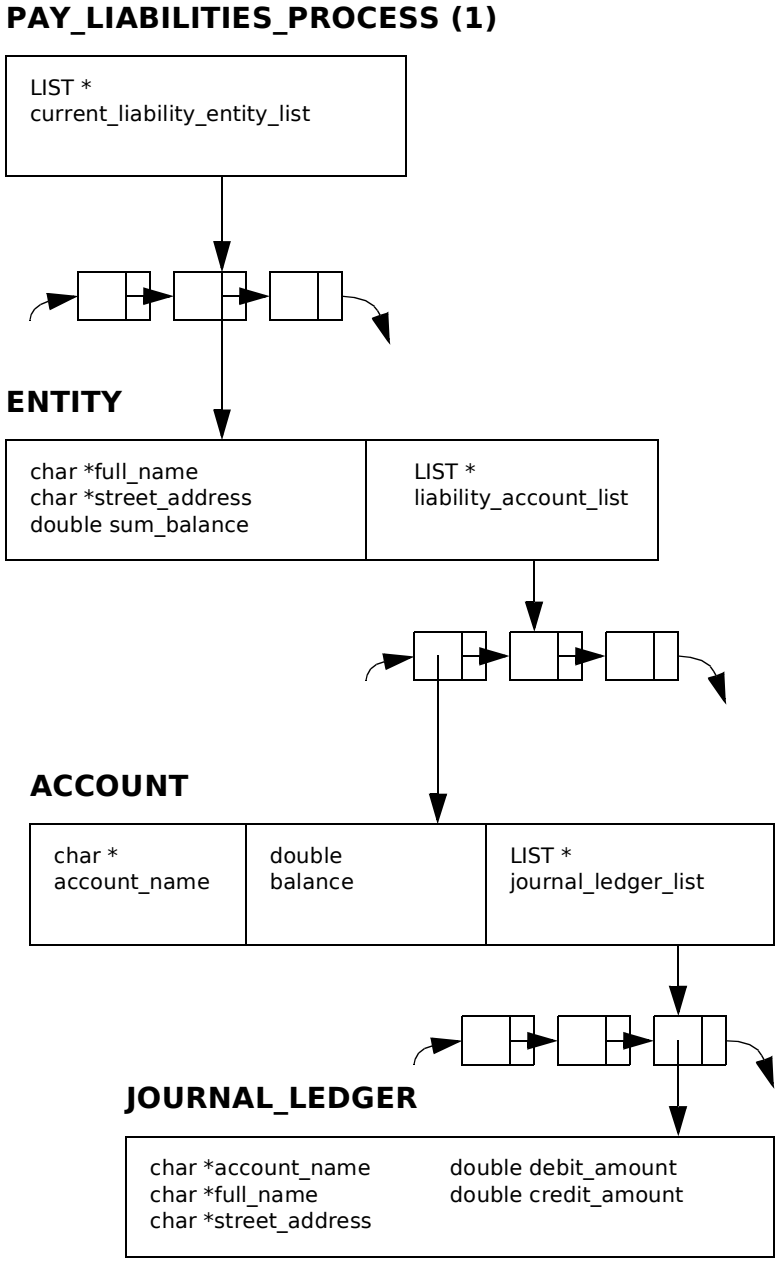
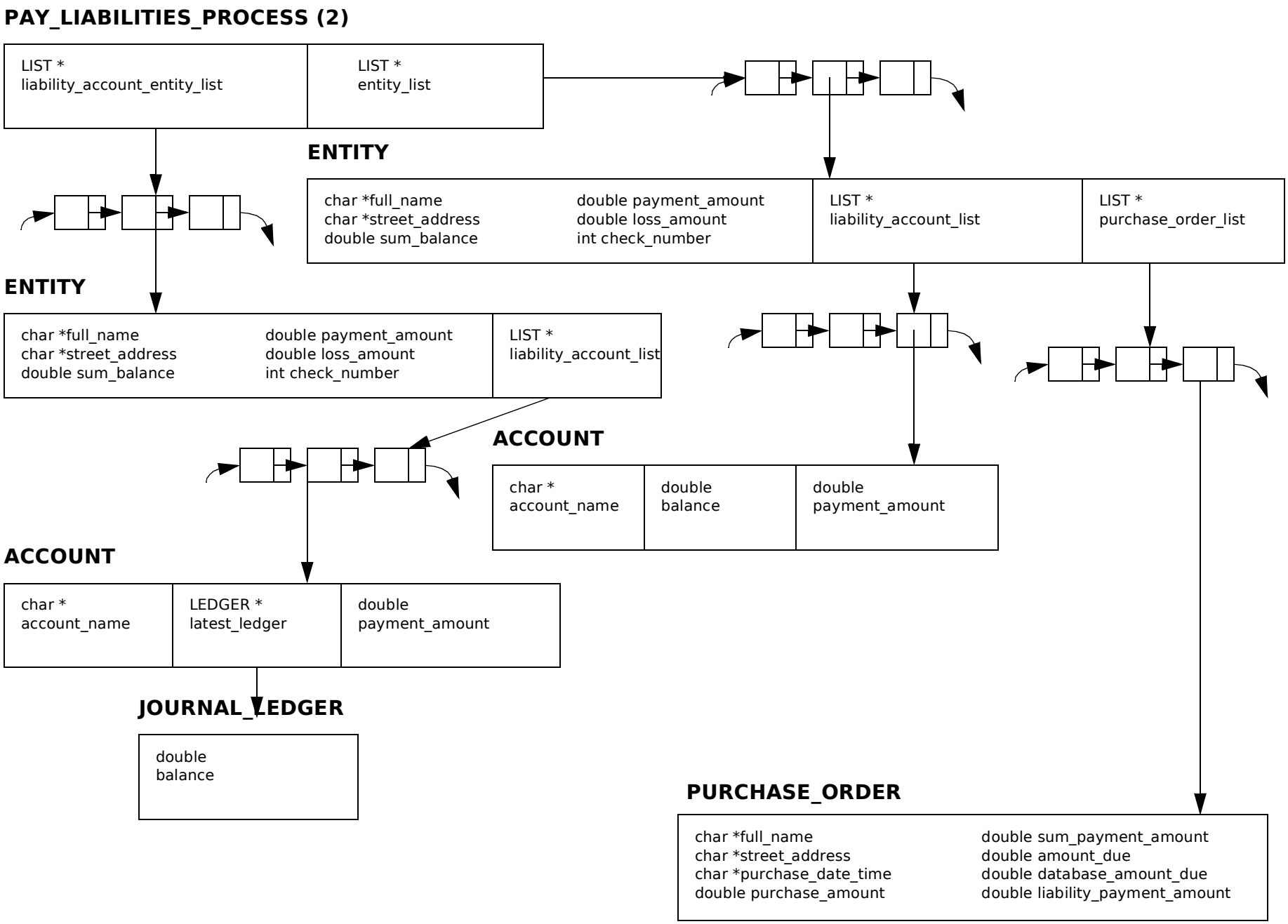
PAY_LIABILITIES



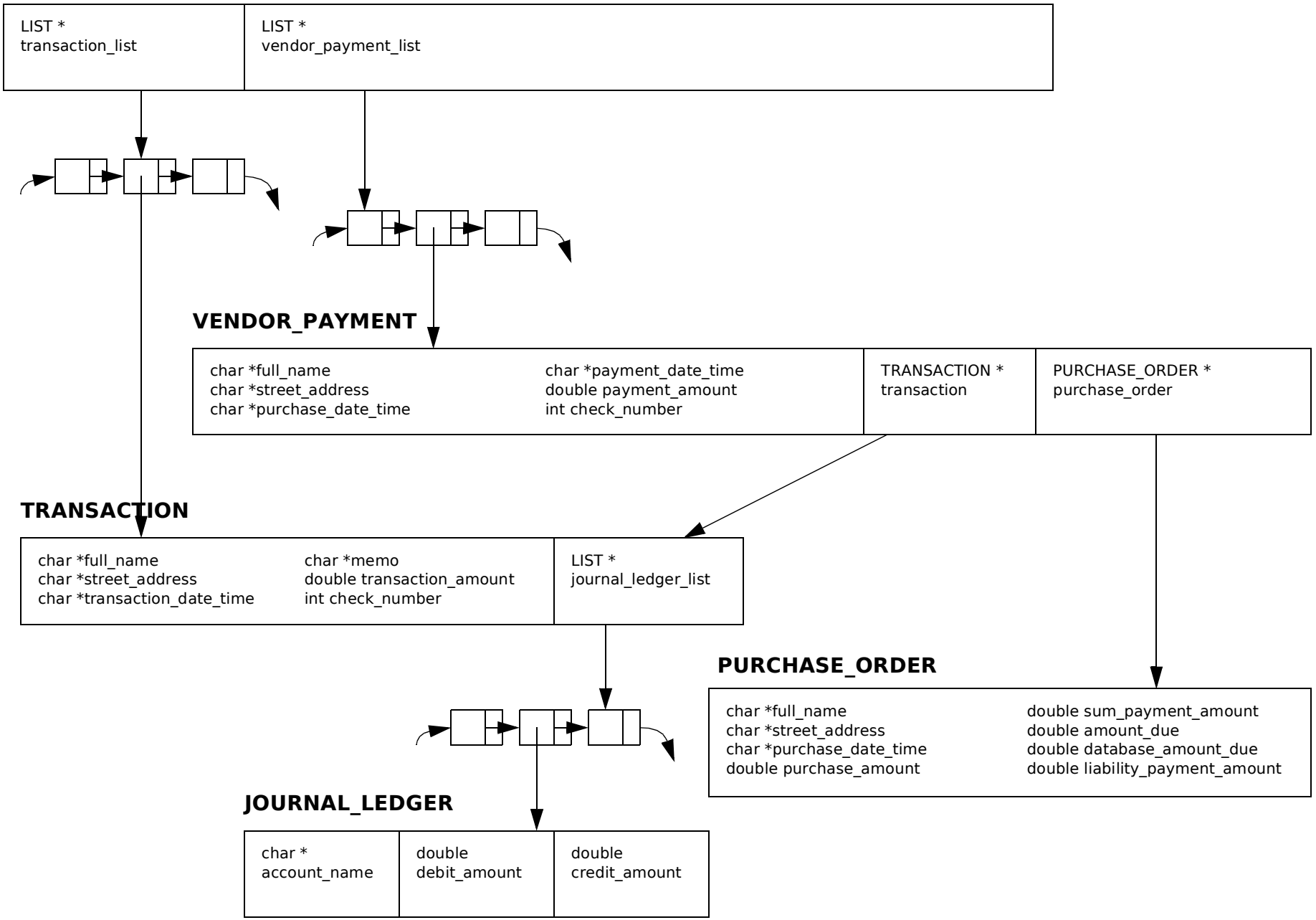
PAY_LIABILITIES_INPUT




PAY_LIABILITIES_PROCESS (1)
LIST *
current_liability_entity_list
ENTITY
char *full_name
char *street_address
double sum_balance
LIST *
liability_account_list
ACCOUNT
char *
account_name
double
balance
LIST *
journal_ledger_list
JOURNAL_LEDGER
char *account_name
char *full_name
char *street_address
double debit_amount
double credit_amount


PAY_LIABILITIES_PROCESS (2)
LIST *
liability_account_entity_list
LIST *
entity_list
ENTITY
char *full_name
char *street_address
double sum_balance
double payment_amount
double loss_amount
int check_number
LIST *
liability_account_list
LIST *
purchase_order_list
ENTITY
char *full_name
char *street_address
double sum_balance
double payment_amount
double loss_amount
int check_number
LIST *
liability_account_list
ACCOUNT
char *
account_name
double
balance
double
payment_amount
ACCOUNT
char *
account_name
LEDGER *
latest_ledger
double
payment_amount
JOURNAL_LEDGER
double
balance
PURCHASE_ORDER
char *full_name
char *street_address
char *purchase_date_time
double purchase_amount
double sum_payment_amount
double amount_due
double database_amount_due
double liability_payment_amount

PAY_LIABILITIES_OUTPUT



PredictiveBooks Data Structure

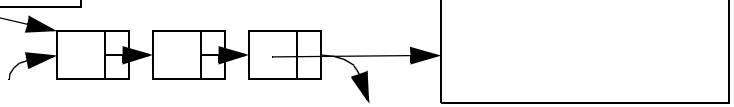
EMPLOYEE

char *full_name
char *street_address
double hourly_wage
double period_salary
double commission_sum_extension_percent
double gross_pay_year_to_date
double database_gross_pay_year_to_date
double net_pay_year_to_date
double database_net_pay_year_to_date
char * federal_marital_status
int federal_withholding_allowances
int federal_withholding_additional_period_amount
boolean state_withholding_exempt
char *state_marital_status
int state_withholding_allowances
int state_itemized_deduction_allowances
int retirement_contribution_plan_employee_period_amount
int retirement_contribution_plan_employer_period_amount
int health_insurance_employee_period_amount
int health_insurance_employer_period_amount
double union_dues_period_amount
char *terminated_date

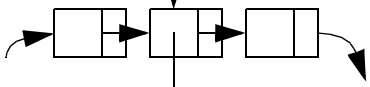
LIST *
employee_work_day_list

LIST *
employee_work_period_list

LIST *
customer_sale_list

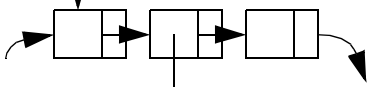


CUSTOMER_SALE



EMPLOYEE_WORK_PERIOD

char *full_name
char *street_address
int payroll_year
int payroll_period_number
char *begin_work_date
char *end_work_date
double regular_work_hours
double overtime_work_hours
double commission_sum_extension
double gross_pay
double net_pay
double payroll_tax_amount
double federal_tax_withholding_amount
double state_tax_withholding_amount
double social_security_employee_tax_amount
double social_security_employer_tax_amount
double medicare_employee_tax_amout
double medicare_employer_tax_amount
int retirement_contribution_plan_employee_amount
int retirement_contribution_plan_employer_amount
int health_insurance_employee_amount
int health_insurance_employer_amount
double federal_unemployment_tax_amount
double state_unemployment_tax_amount
int union_dues_amount
char *transaction_date_time



EMPLOYEE_WORK_DAY

char *begin_work_date_time
char *end_work_date_time
double employee_work_hours
double database_employee_work_hours
boolean overtime_work_day

TRANSACTION *
transaction

TRANSACTION

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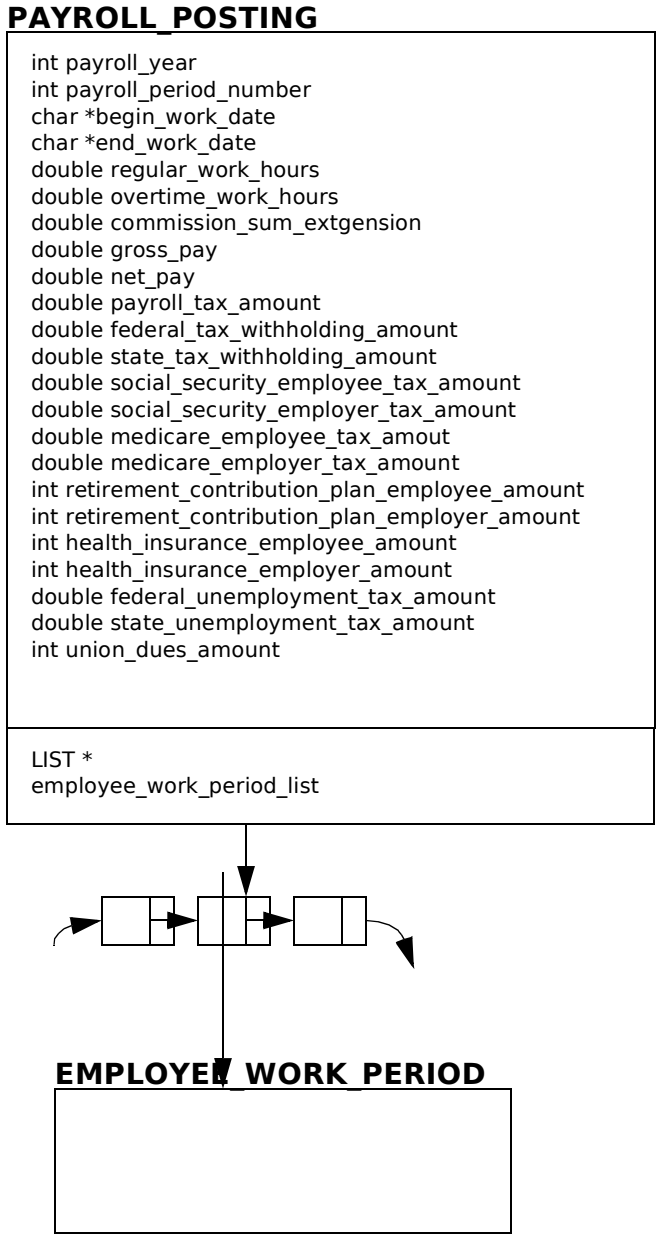
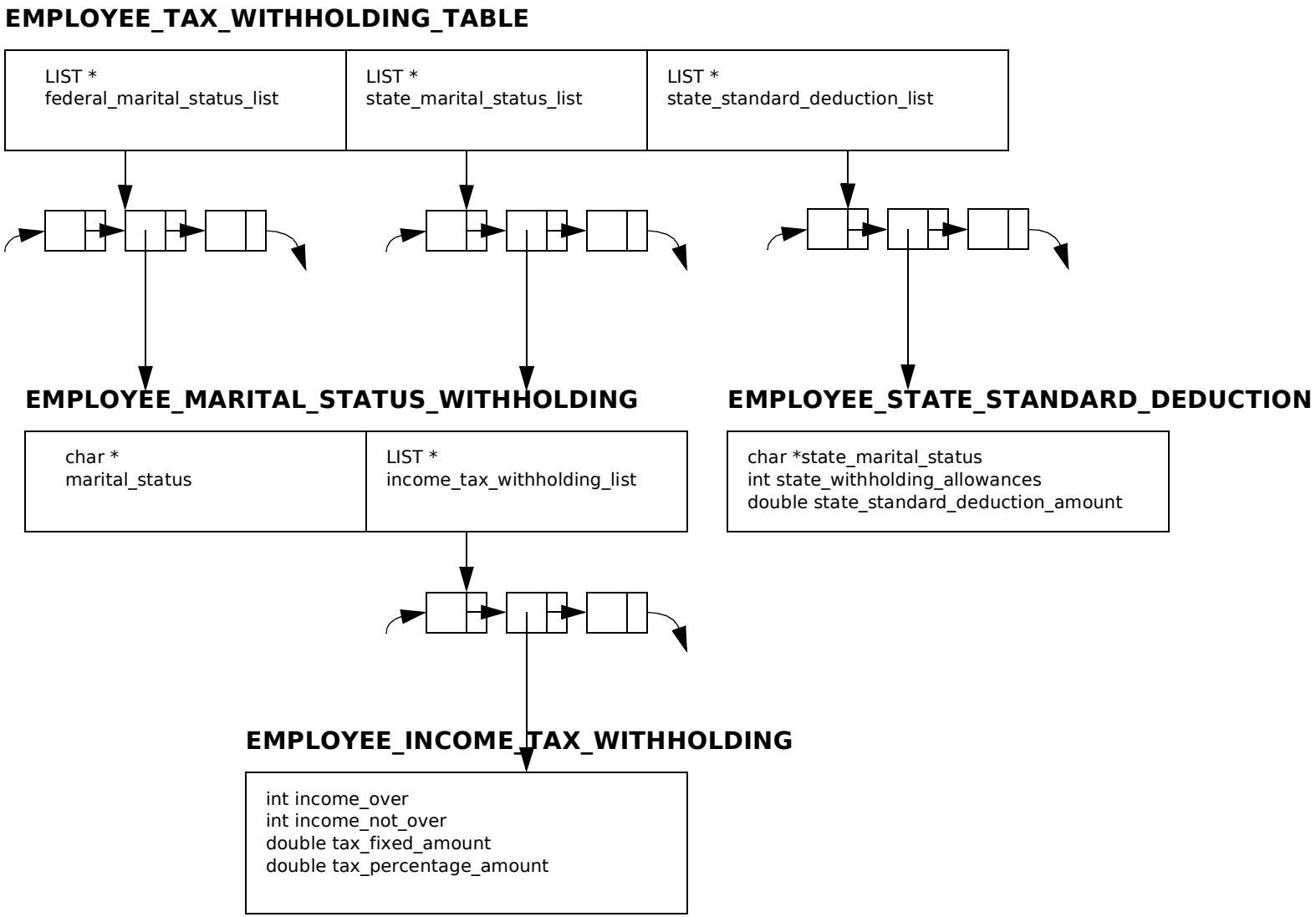
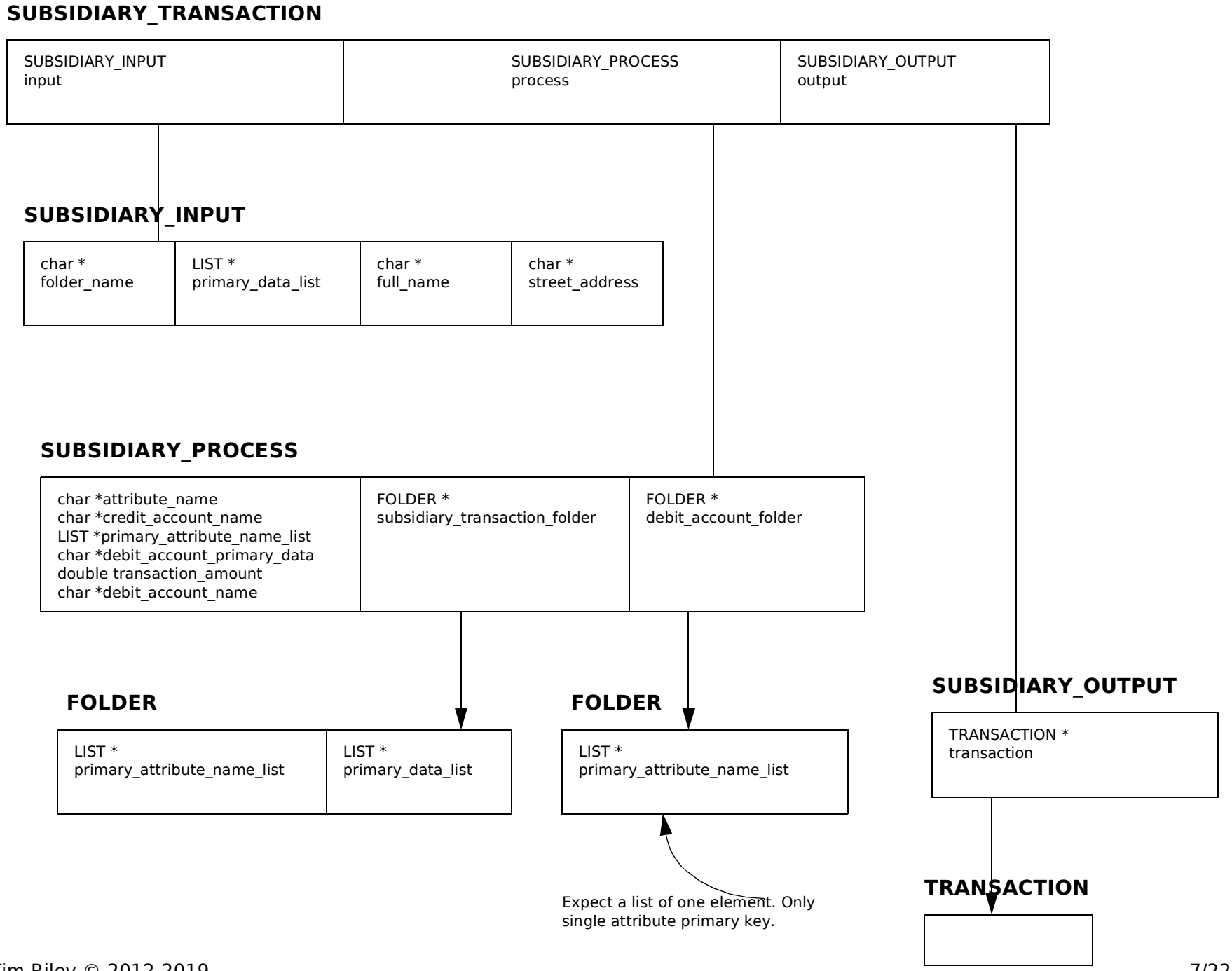
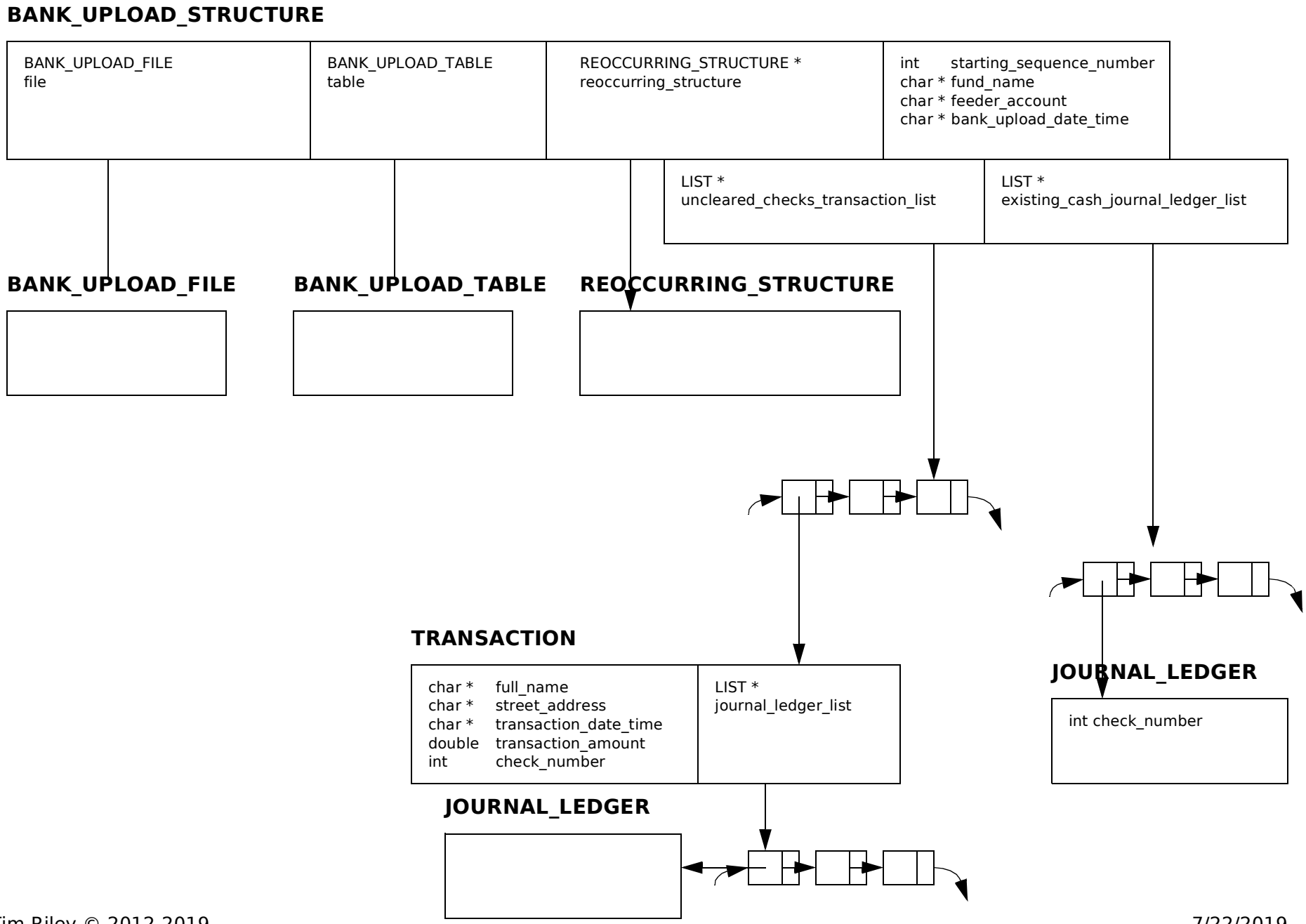
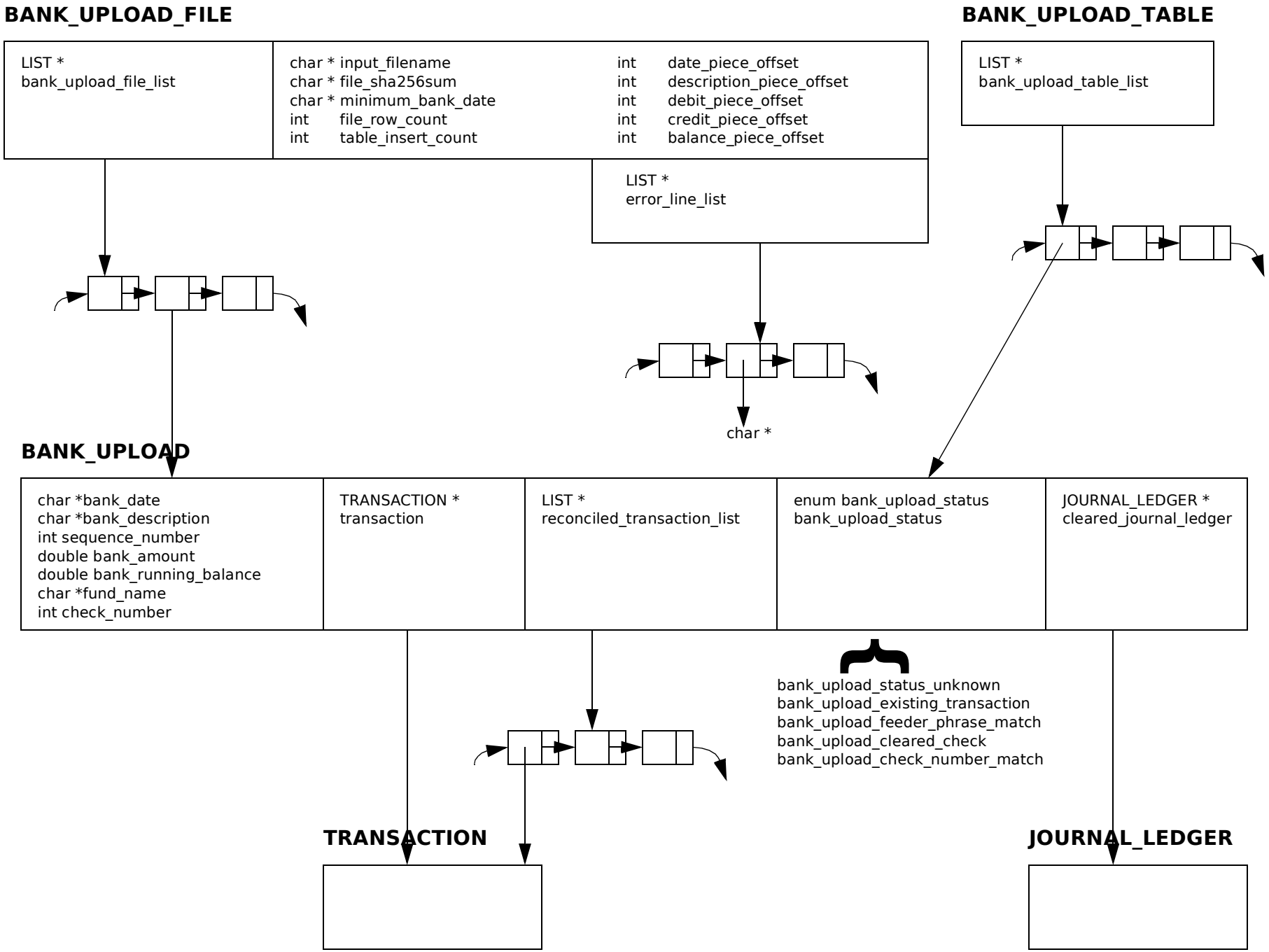
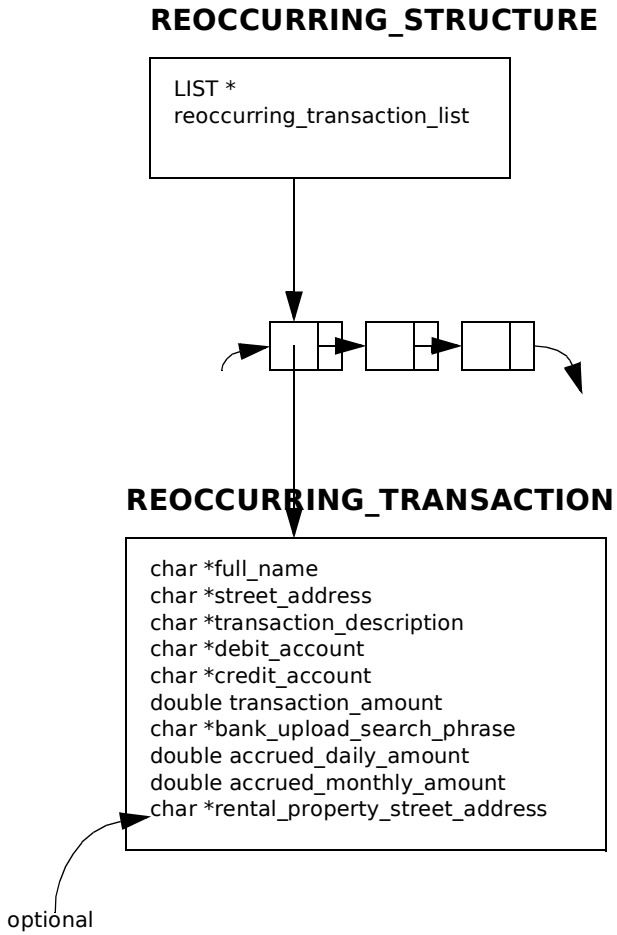

PAYROLL_POSTING
int payroll_year
int payroll_period_number
char *begin_work_date
char *end_work_date
double regular_work_hours
double overtime_work_hours
double commission_sum_extgension
double gross_pay
double net_pay
double payroll_tax_amount
double federal_tax_withholding_amount
double state_tax_withholding_amount
double social_security_employee_tax_amount
double social_security_employer_tax_amount
double medicare_employee_tax_amout
double medicare_employer_tax_amount
int retirement_contribution_plan_employee_amount
int retirement_contribution_plan_employer_amount
int health_insurance_employee_amount
int health_insurance_employer_amount
double federal_unemployment_tax_amount
double state_unemployment_tax_amount
int union_dues_amount
LIST *
employee_work_period_list
EMPLOYEE_WORK_PERIOD


EMPLOYEE_TAX_WITHHOLDING_TABLE
LIST *
federal_marital_status_list
LIST *
state_marital_status_list
LIST *
state_standard_deduction_list
EMPLOYEE_MARITAL_STATUS_WITHHOLDING
char *
marital_status
LIST *
income_tax_withholding_list
EMPLOYEE_STATE_STANDARD_DEDUCTION
char *state_marital_status
int state_withholding_allowances
double state_standard_deduction_amount
EMPLOYEE_INCOME_TAX_WITHHOLDING
int income_over
int income_not_over
double tax_fixed_amount
double tax_percentage_amount

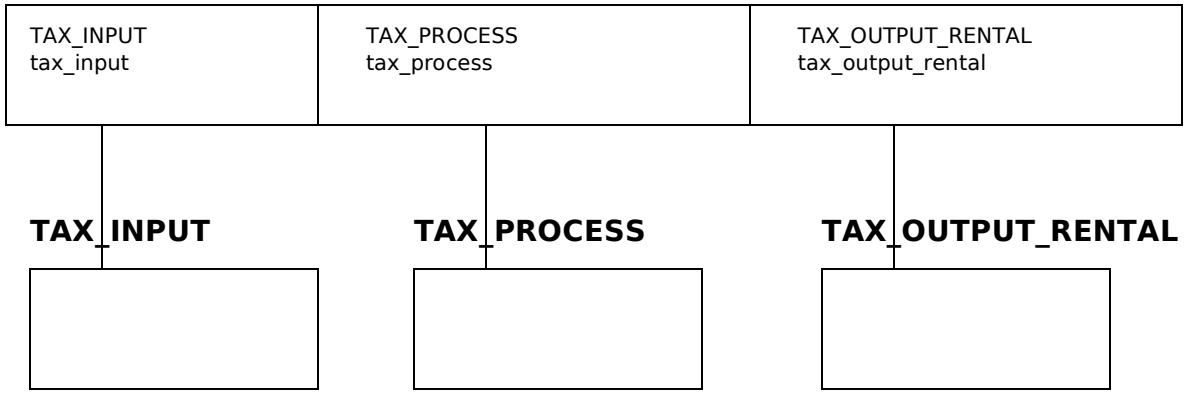

SUBSIDIARY_TRANSACTION
SUBSIDIARY_INPUT
input
SUBSIDIARY_PROCESS
process
SUBSIDIARY_OUTPUT
output
SUBSIDIARY_INPUT
char *
folder_name
LIST *
primary_data_list
char *
full_name
char *
street_address
SUBSIDIARY_PROCESS
char *attribute_name
char *credit_account_name
LIST *primary_attribute_name_list
char *debit_account_primary_data
double transaction_amount
char *debit_account_name
FOLDER *
subsidiary_transaction_folder
FOLDER *
debit_account_folder
FOLDER
LIST *
primary_attribute_name_list
LIST *
primary_data_list
FOLDER
LIST *
primary_attribute_name_list
Expect a list of one element. Only
single attribute primary key.
SUBSIDIARY_OUTPUT
TRANSACTION *
transaction
TRANSACTION

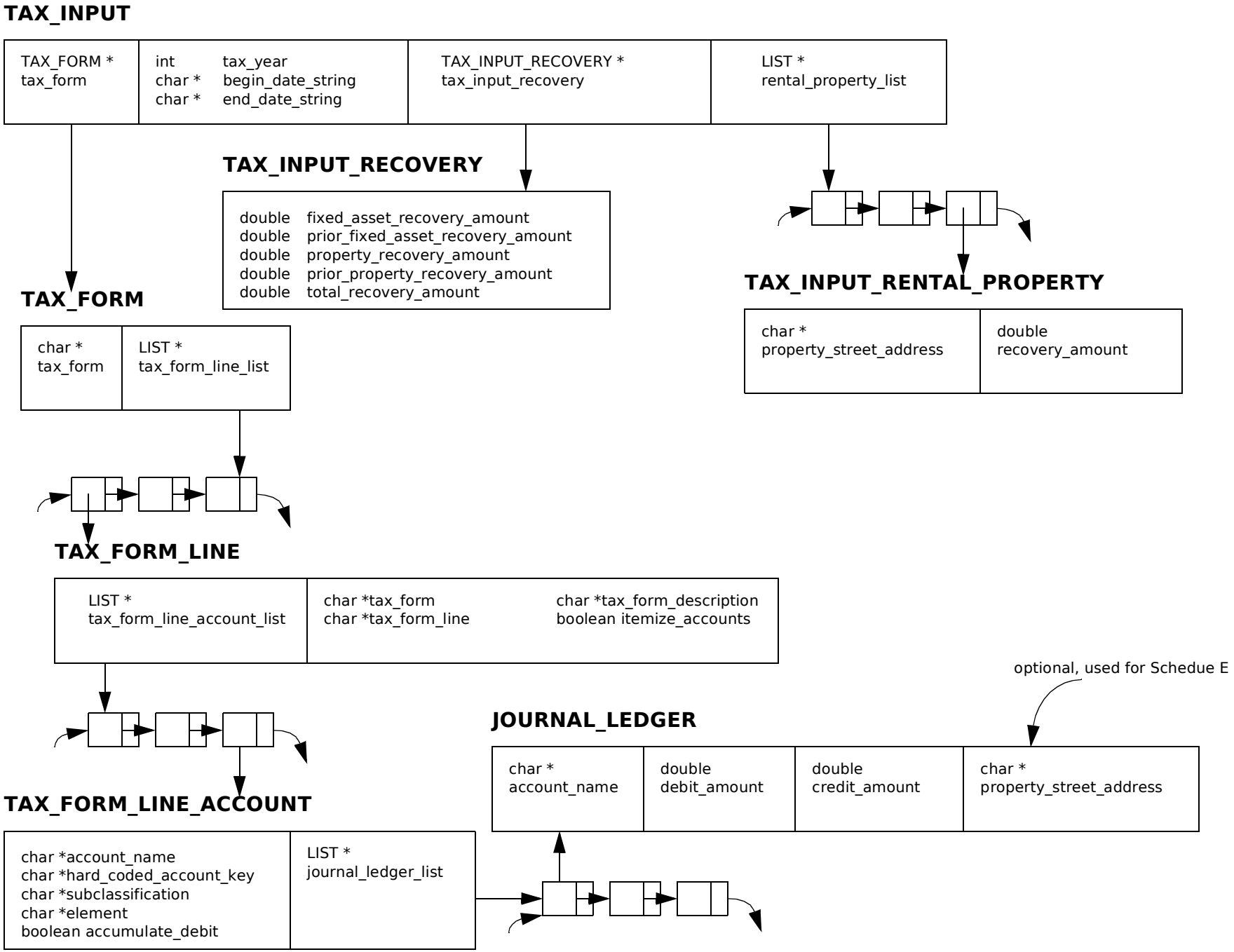

BANK_UPLOAD_STRUCTURE
BANK_UPLOAD_FILE
file
BANK_UPLOAD_TABLE
table
REOCCURRING_STRUCTURE *
reoccurring_structure
int starting_sequence_number
char * fund_name
char * feeder_account
char * bank_upload_date_time
LIST *
uncleared_checks_transaction_list
LIST *
existing_cash_journal_ledger_list
BANK_UPLOAD_FILE
BANK_UPLOAD_TABLE
REOCCURRING_STRUCTURE
TRANSACTION
char * full_name
char * street_address
char * transaction_date_time
double transaction_amount
int check_number
LIST *
journal_ledger_list
JOURNAL_LEDGER
int check_number
JOURNAL_LEDGER


BANK_UPLOAD_FILE
LIST *
bank_upload_file_list
char * input_filename
char * file_sha256sum
char * minimum_bank_date
int file_row_count
int table_insert_count
int date_piece_offset
int description_piece_offset
int debit_piece_offset
int credit_piece_offset
int balance_piece_offset
LIST *
error_line_list
char *
BANK_UPLOAD_TABLE
LIST *
bank_upload_table_list
BANK_UPLOAD
char *bank_date
char *bank_description
int sequence_number
double bank_amount
double bank_running_balance
char *fund_name
int check_number
TRANSACTION *
transaction
LIST *
reconciled_transaction_list
enum bank_upload_status
bank_upload_status
JOURNAL_LEDGER *
cleared_journal_ledger
bank_upload_status_unknown
bank_upload_existing_transaction
bank_upload_feeder_phrase_match
bank_upload_cleared_check
bank_upload_check_number_match
TRANSACTION
JOURNAL_LEDGER

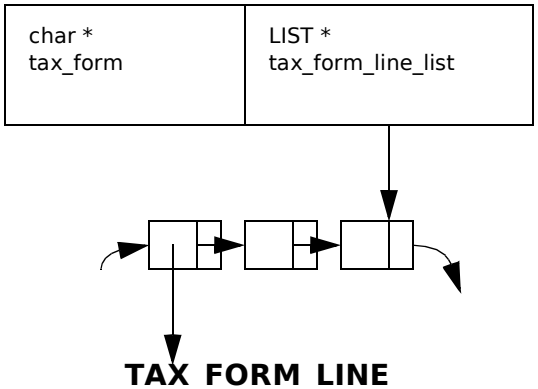

REOCCURRING_STRUCTURE
LIST *
reoccurring_transaction_list
REOCCURRING_TRANSACTION
char *full_name
char *street_address
char *transaction_description
char *debit_account
char *credit_account
double transaction_amount
char *bank_upload_search_phrase
double accrued_daily_amount
double accrued_monthly_amount
char *rental_property_street_address
optional

TAX

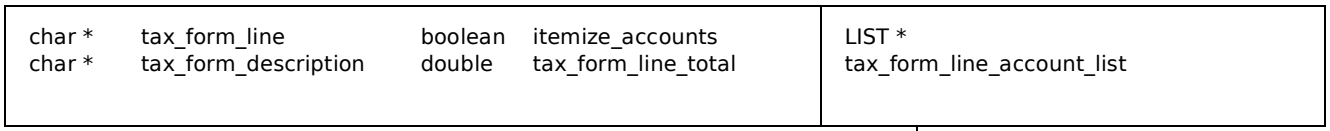

TAX_INPUT
tax_input
TAX_PROCESS
tax_process
TAX_OUTPUT_RENTAL
tax_output_rental
TAX_INPUT
TAX_PROCESS
TAX_OUTPUT_RENTAL


TAX_INPUT
TAX_FORM *
tax_form
int tax_year
char * begin_date_string
char * end_date_string
TAX_INPUT_RECOVERY *
tax_input_recovery
LIST *
rental_property_list
TAX_INPUT_RECOVERY
double fixed_asset_recovery_amount
double prior_fixed_asset_recovery_amount
double property_recovery_amount
double prior_property_recovery_amount
double total_recovery_amount
TAX_INPUT_RENTAL_PROPERTY
char *
property_street_address
double
recovery_amount
TAX_FORM
char *
tax_form
LIST *
tax_form_line_list
TAX_FORM_LINE
LIST *
tax_form_line_account_list
char *tax_form
char *tax_form_line
char *tax_form_description
boolean itemize_accounts
optional, used for Schedue E
JOURNAL_LEDGER
char *
account_name
double
debit_amount
double
credit_amount
char *
property_street_address
TAX_FORM_LINE_ACCOUNT
char *account_name
char *hard_coded_account_key
char *subclassification
char *element
boolean accumulate_debit
LIST *
journal_ledger_list

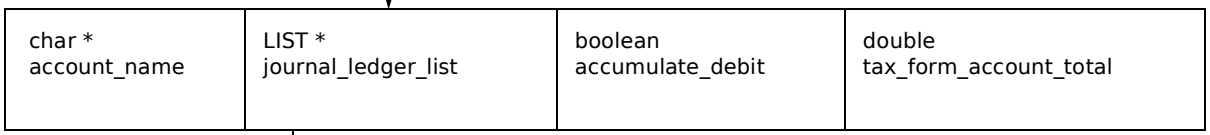
TAX_PROCESS



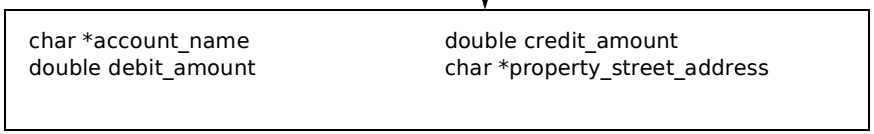
TAX_FORM_LINE



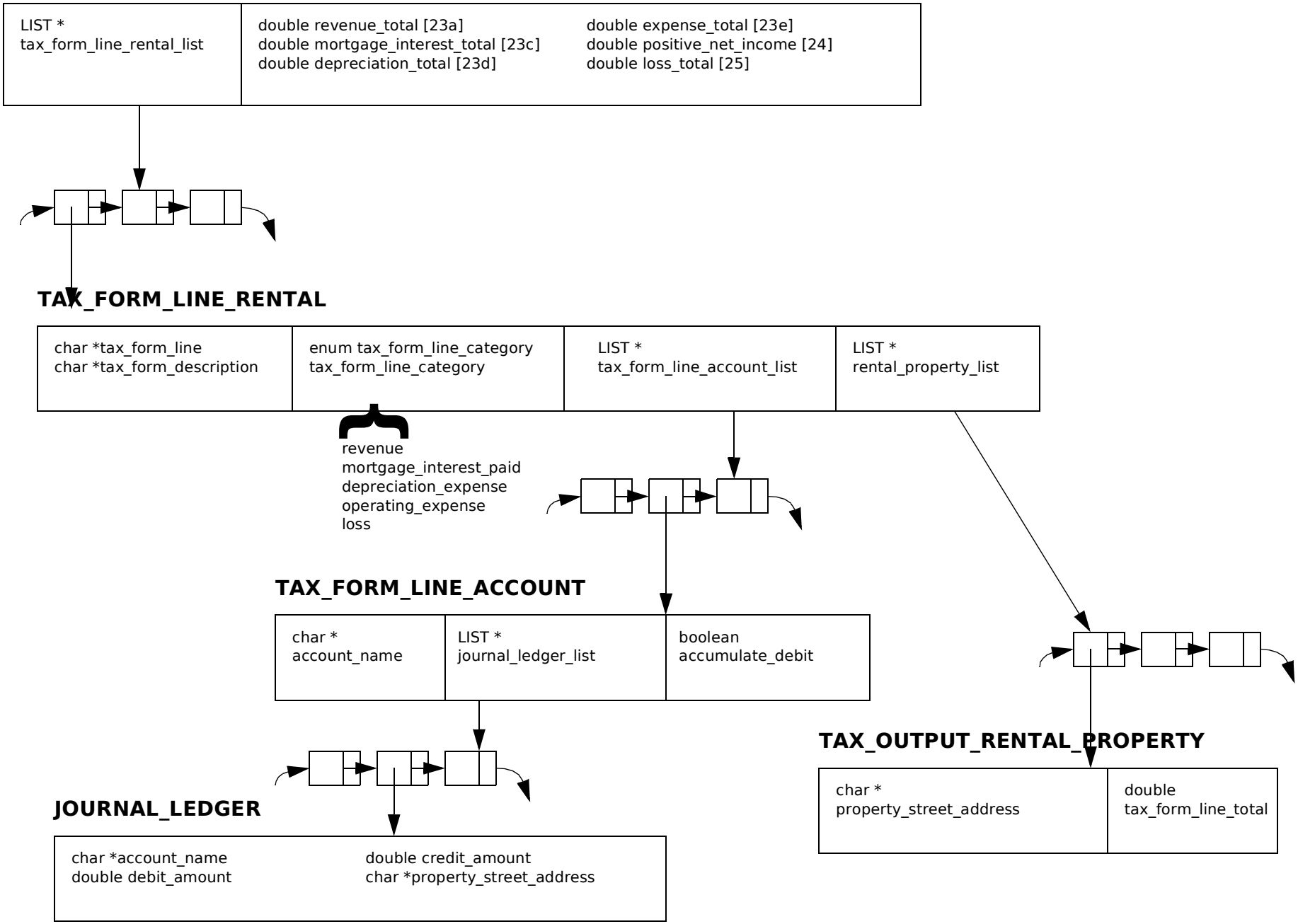
TAX_FORM_LINE_ACCOUNT

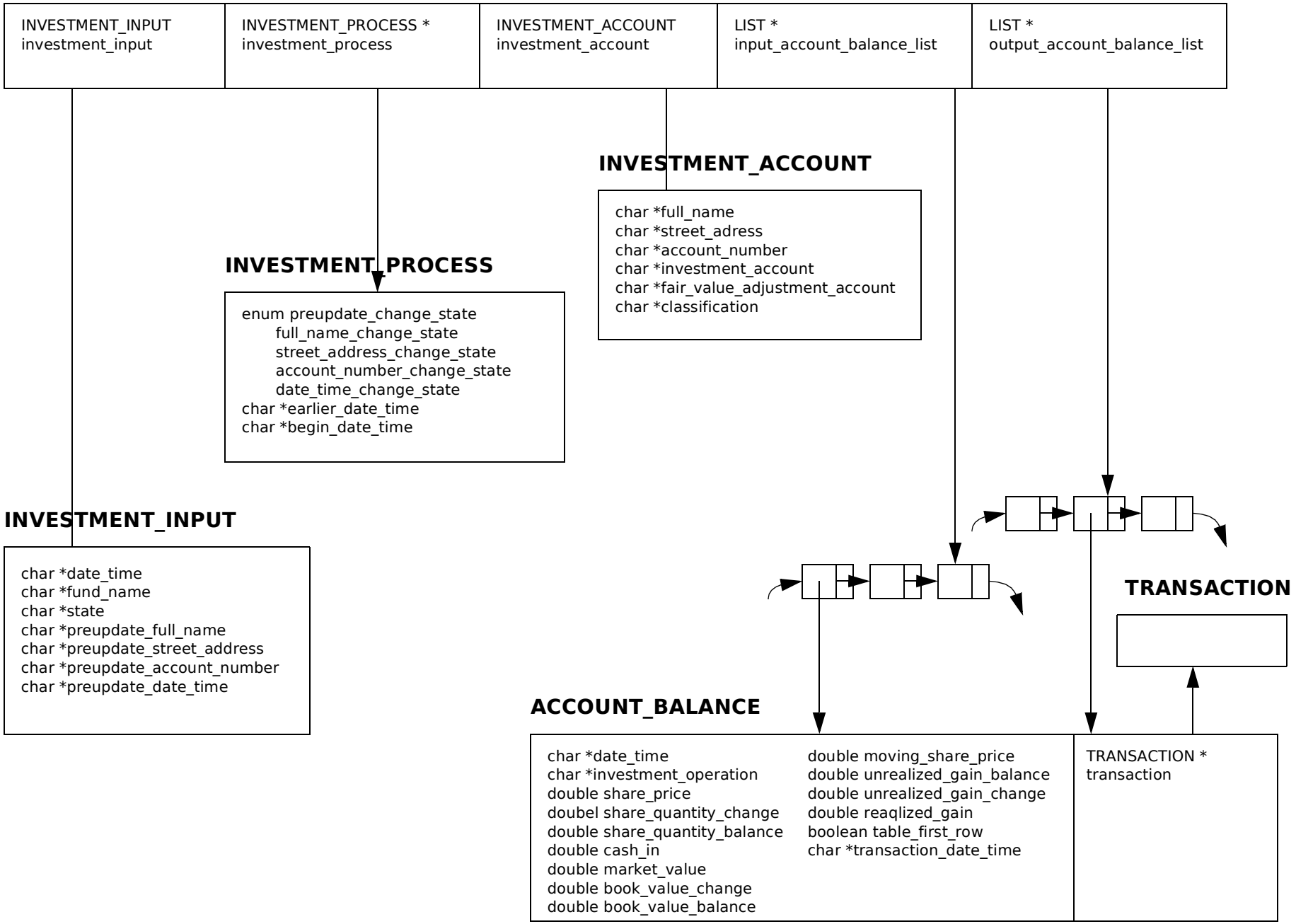


JOURNAL_LEDGER



TAX_OUTPUT_RENTAL



PredictiveBooks Data Structure

INVESTMENT_EQUITY