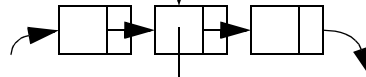


ELEMENT

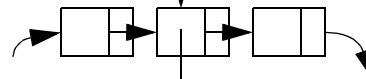
char * element_name	boolean accumulate_debit	LIST * subclassification_list
------------------------	-----------------------------	----------------------------------

LIST * account_list



SUBCLASSIFICATION

char * subclassification_name	LIST * account_list	double subclassification_total
----------------------------------	------------------------	-----------------------------------



ACCOUNT

char * account_name	LEDGER * latest_ledger	LIST * journal_ledger_list	char *fund_name char *subclassification_name char *hard_coded_account_key	boolean accumulate_debit double balance double payment_amount
------------------------	---------------------------	-------------------------------	---	---

JOURNAL_LEDGER

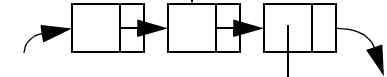
char * full_name	char * street_address	char * transaction_date_time	char * account_name			
double previous_balance	double database_previous_balance	double debit_amount	double credit_amount	double balance	double database_balance	

TRANSACTION

char * full_name	char * street_address	char * transaction_date_time	char * memo
---------------------	--------------------------	---------------------------------	----------------

double transaction_amount	double database_transaction_amount
------------------------------	---------------------------------------

LIST * journal_ledger_list

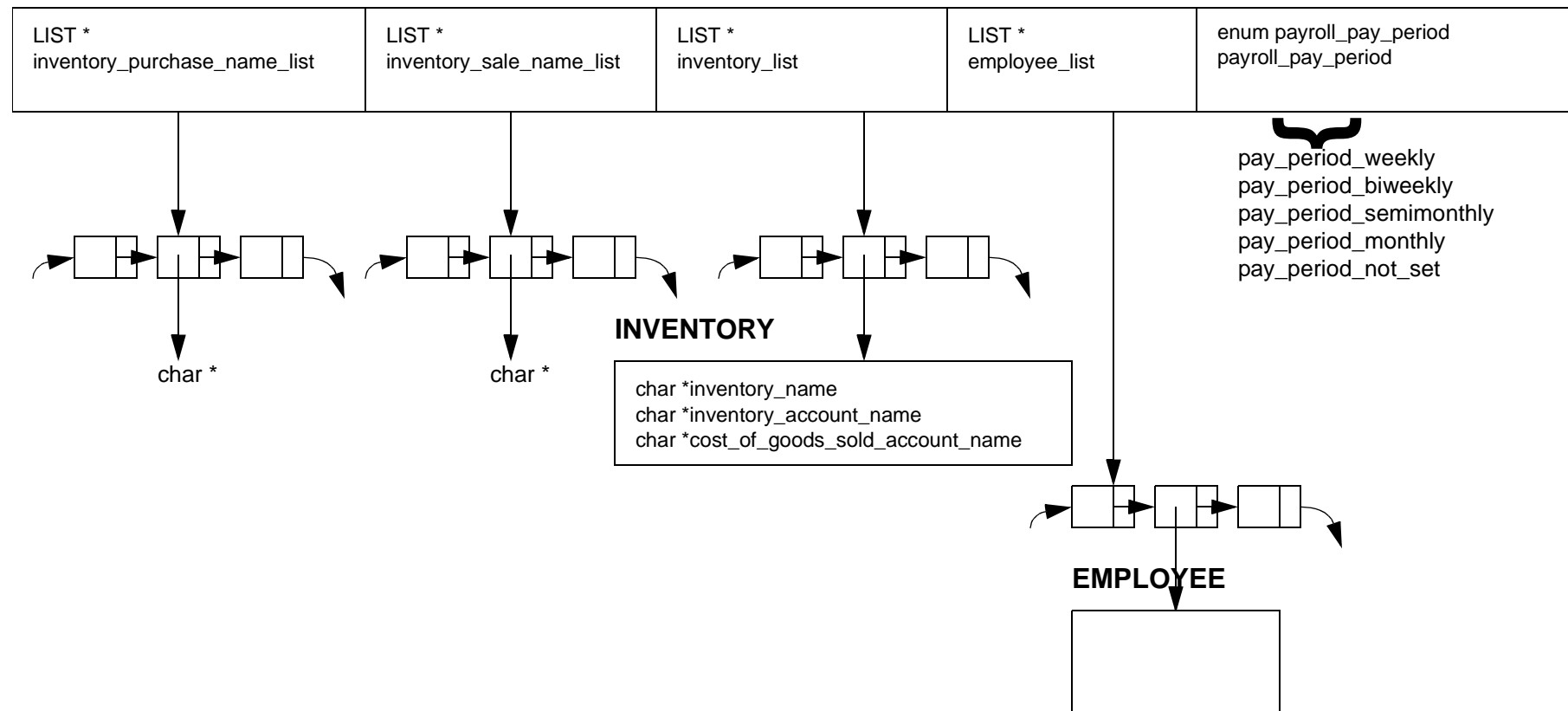




ENTITY_SELF (continued)



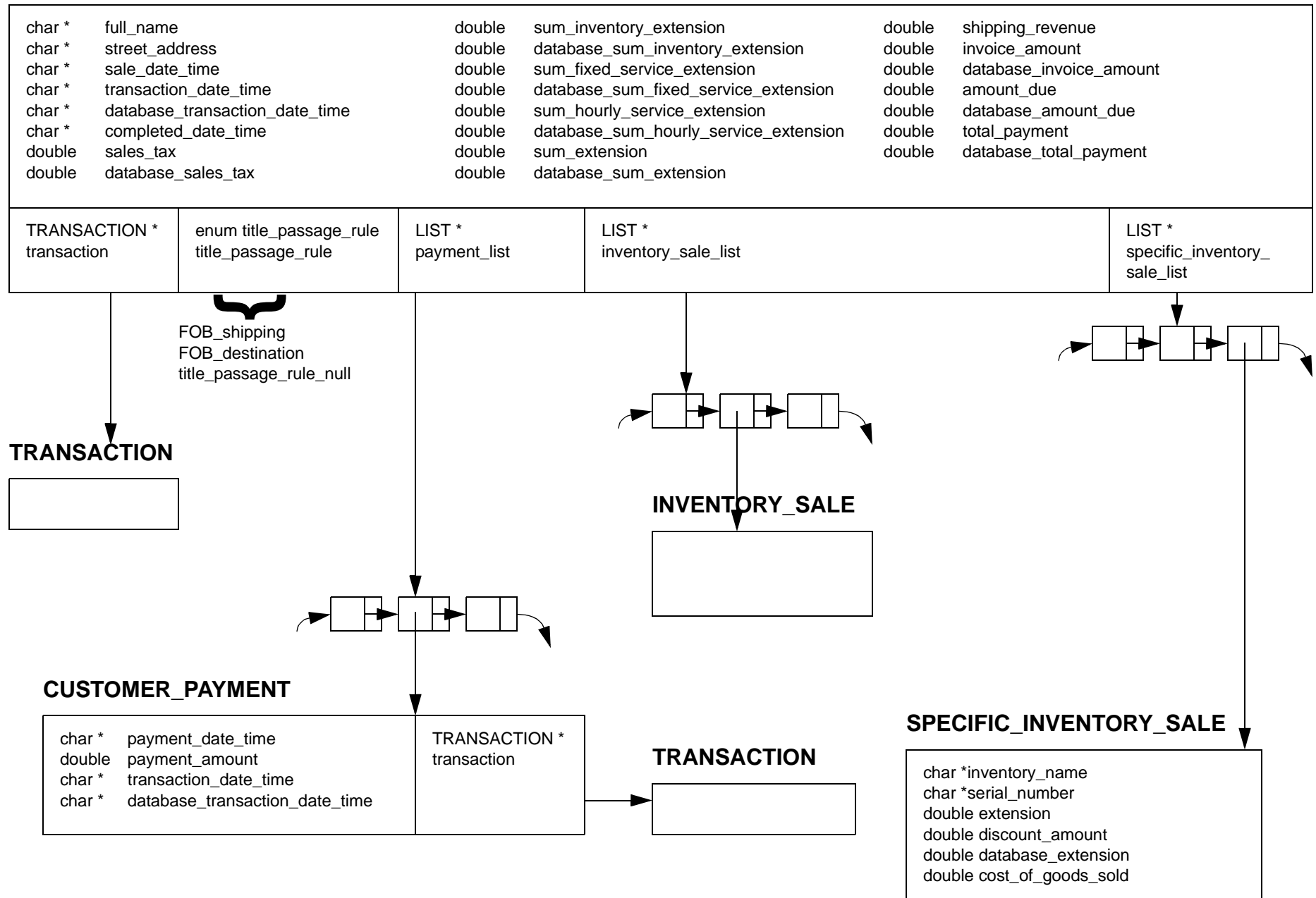
ENTITY_SELF (continued)



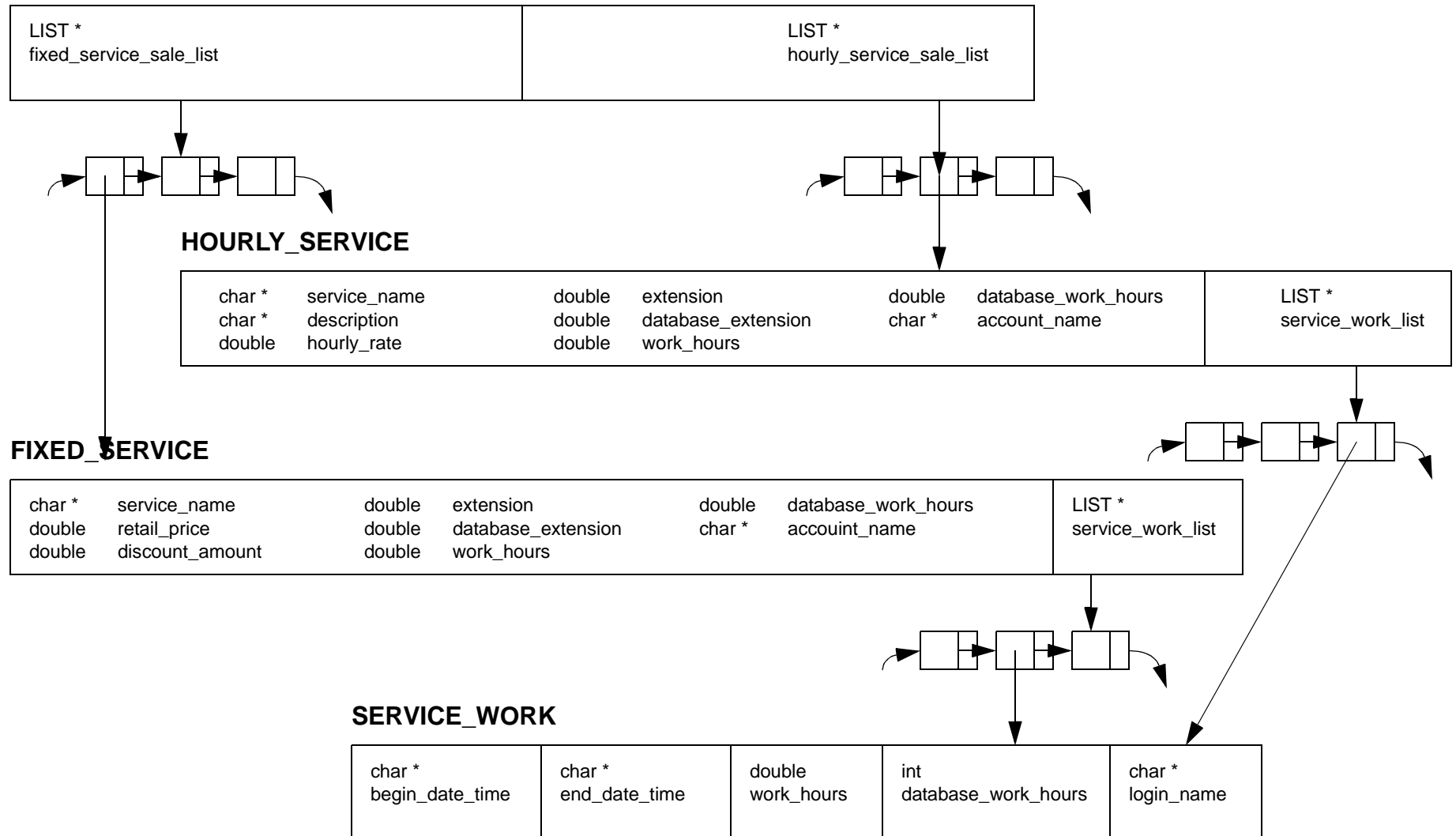
ENTITY_SELF (continued)

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
--	--

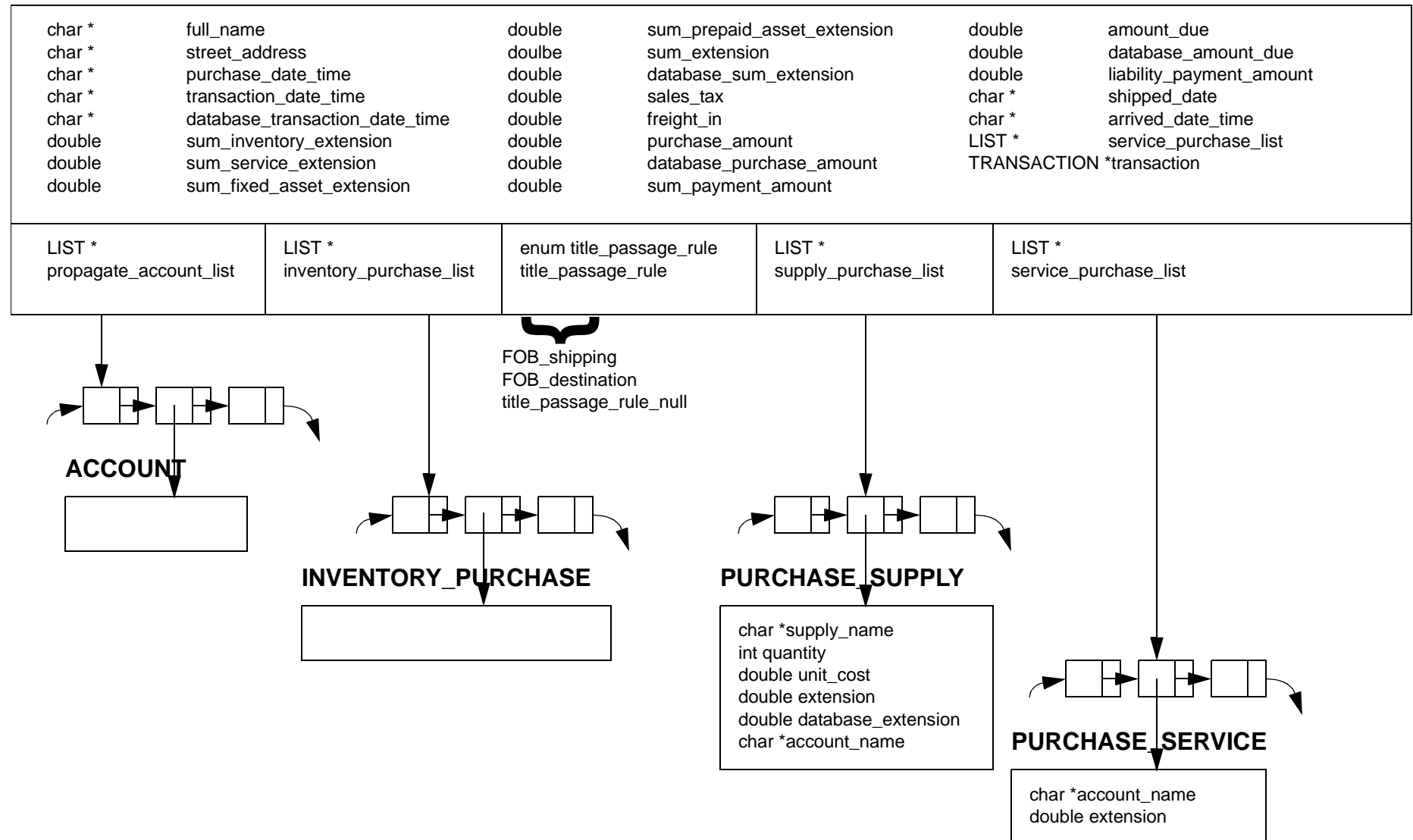
CUSTOMER_SALE (1)



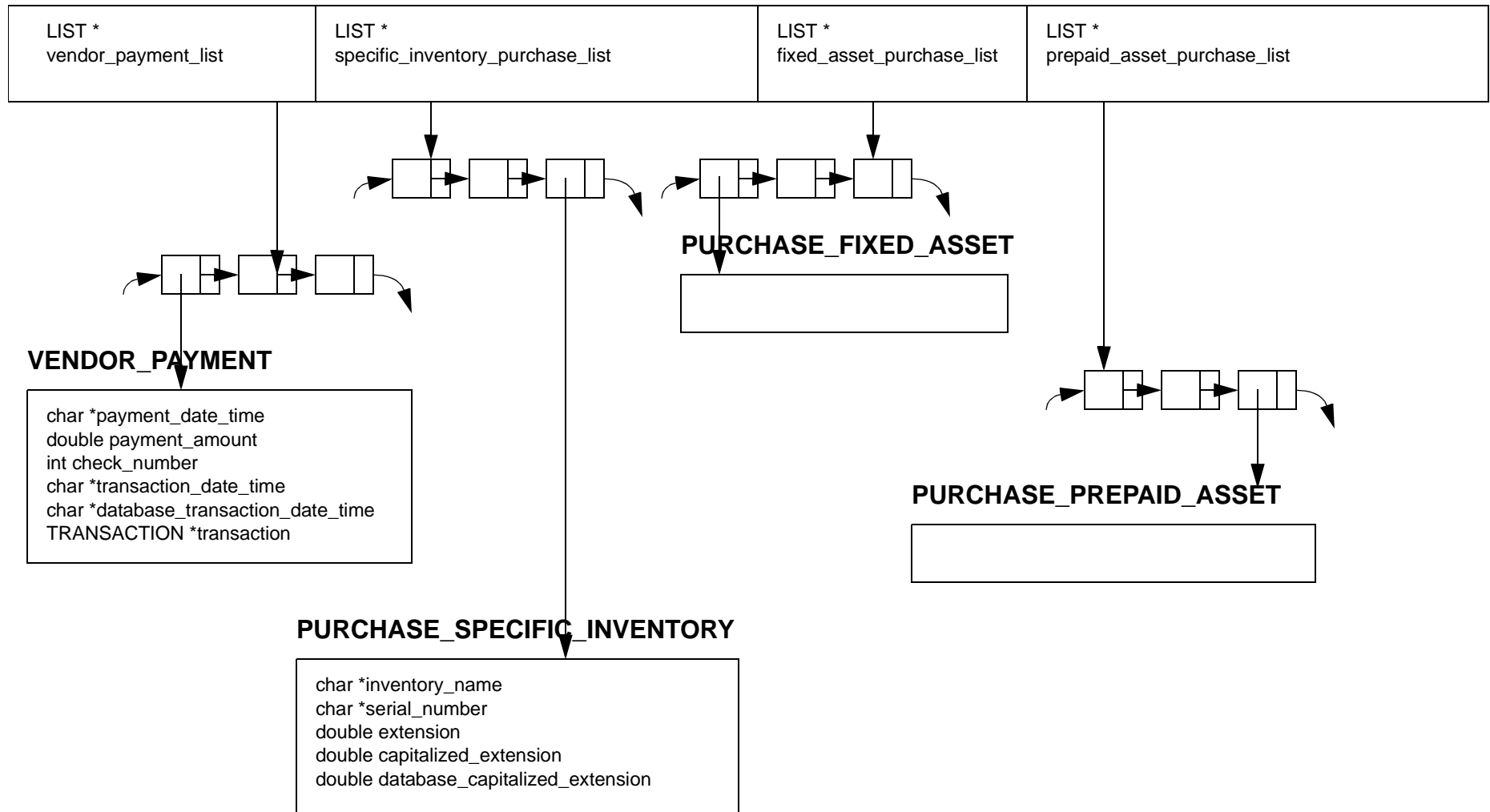
CUSTOMER_SALE (2)



PURCHASE_ORDER (1)



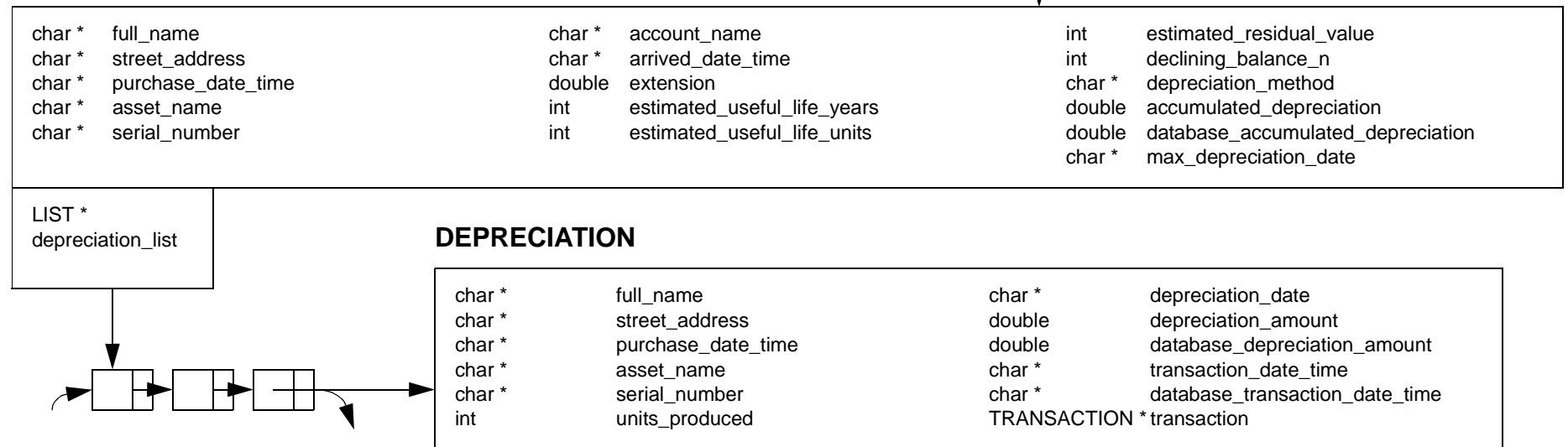
PURCHASE_ORDER (2)



FIXED_ASSET_DEPRECIATION



PURCHASE_FIXED_ASSET



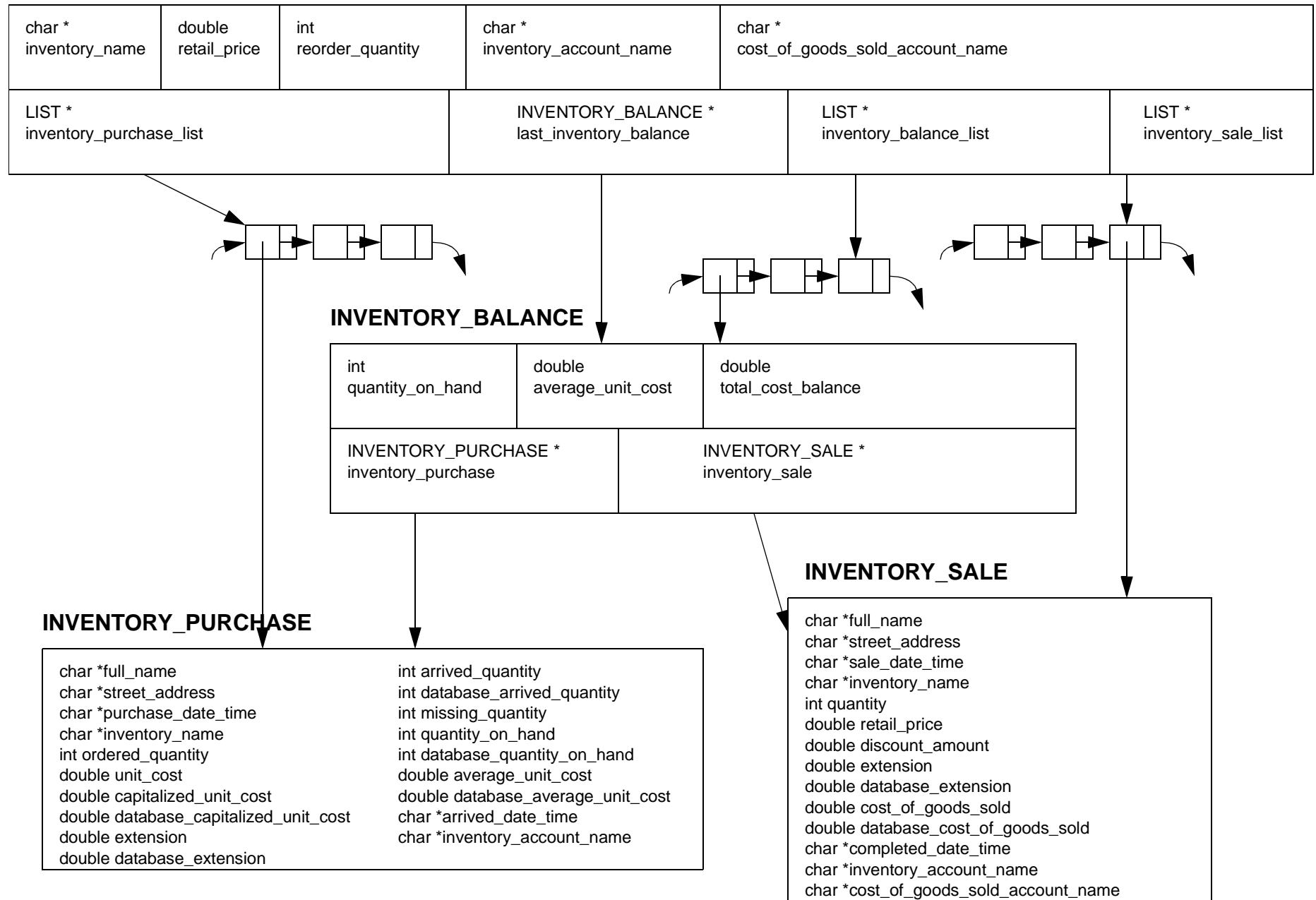
PURCHASE_PREPAID_ASSET



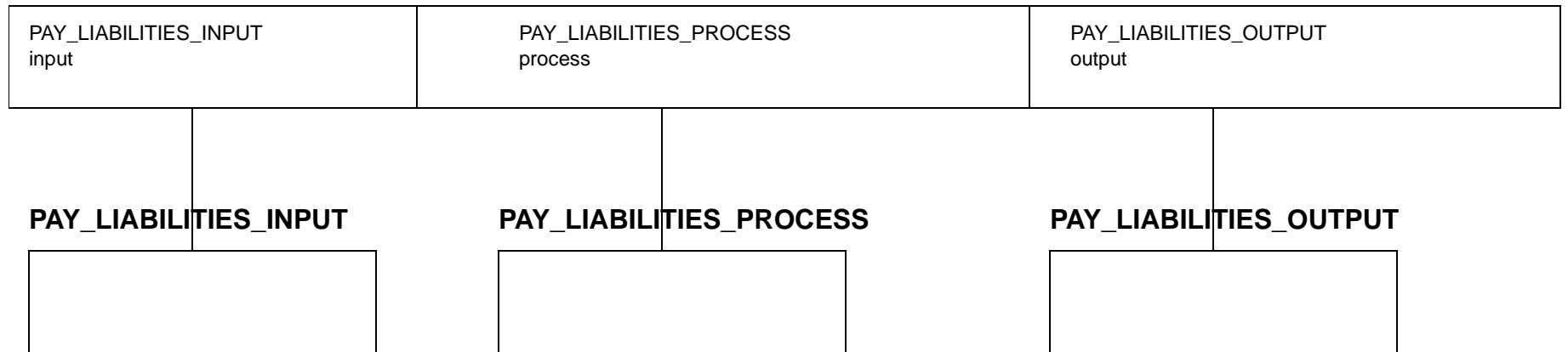
VENDOR_PAYMENT



INVENTORY



PAY_LIABILITIES



The diagram illustrates a database schema for a financial system, showing the relationships between various entities and their attributes. The schema is organized into several sections, each representing a different type of entity or data structure.

Entities and their Attributes:

- ENTITY:**
 - Attributes: `char *full_name`, `char *street_address`, `double sum_balance`
- ACCOUNT:**
 - Attributes: `char *account_name`, `double balance`
- JOURNAL_LEDGER:**
 - Attributes: `double balance`
- PURCHASE_ORDER:**
 - Attributes: `char *full_name`, `char *street_address`, `char *purchase_date_time`, `double amount_due`

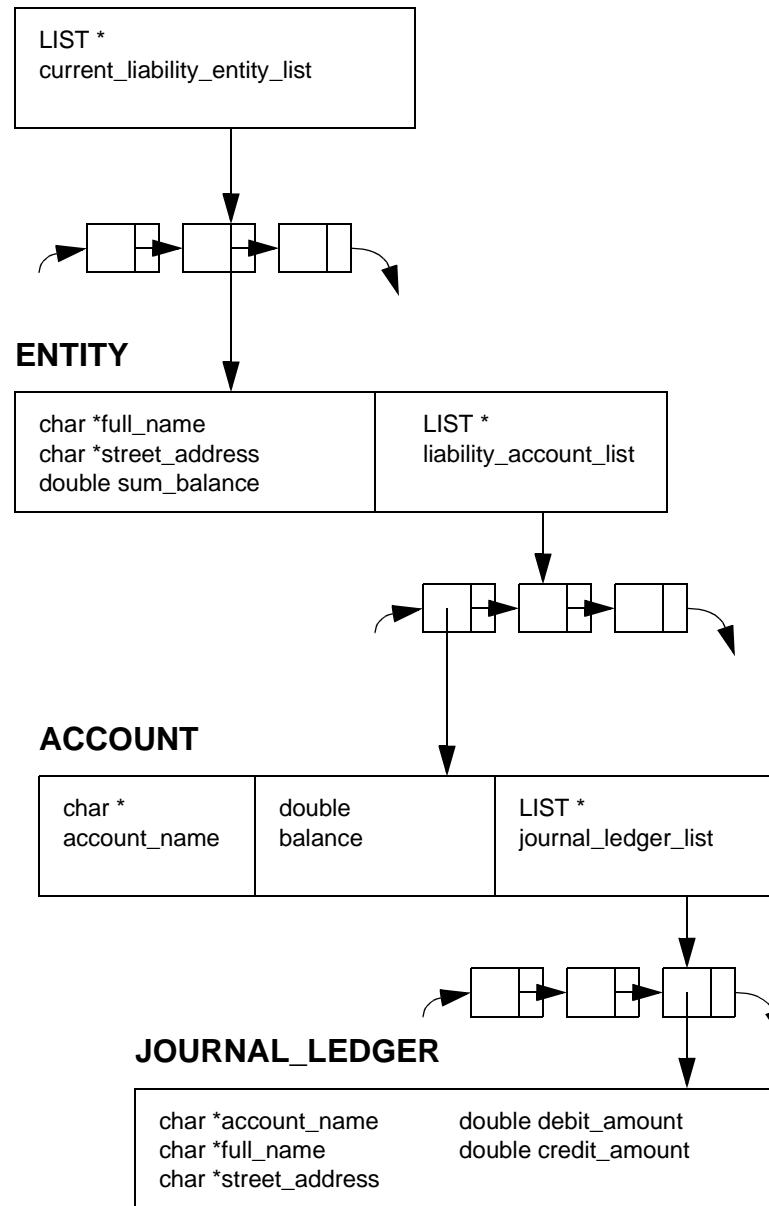
Relationships and Data Structures:

- LIST * liability_account_entity_list:** A list of `ENTITY` objects, each containing a `char *full_name`, `char *street_address`, and `double sum_balance`. This list is linked to the `ACCOUNT` entity.
- LIST * entity_list:** A list of `ENTITY` objects, each containing a `char *full_name`, `char *street_address`, and `double sum_balance`. This list is linked to the `ACCOUNT` entity.
- LIST * current_liability_account_list:** A list of `ACCOUNT` objects, each containing a `char *account_name` and `double balance`. This list is linked to the `JOURNAL_LEDGER` entity.
- LIST * purchase_order_list:** A list of `PURCHASE_ORDER` objects, each containing a `char *full_name`, `char *street_address`, `char *purchase_date_time`, and `double amount_due`. This list is linked to the `JOURNAL_LEDGER` entity.

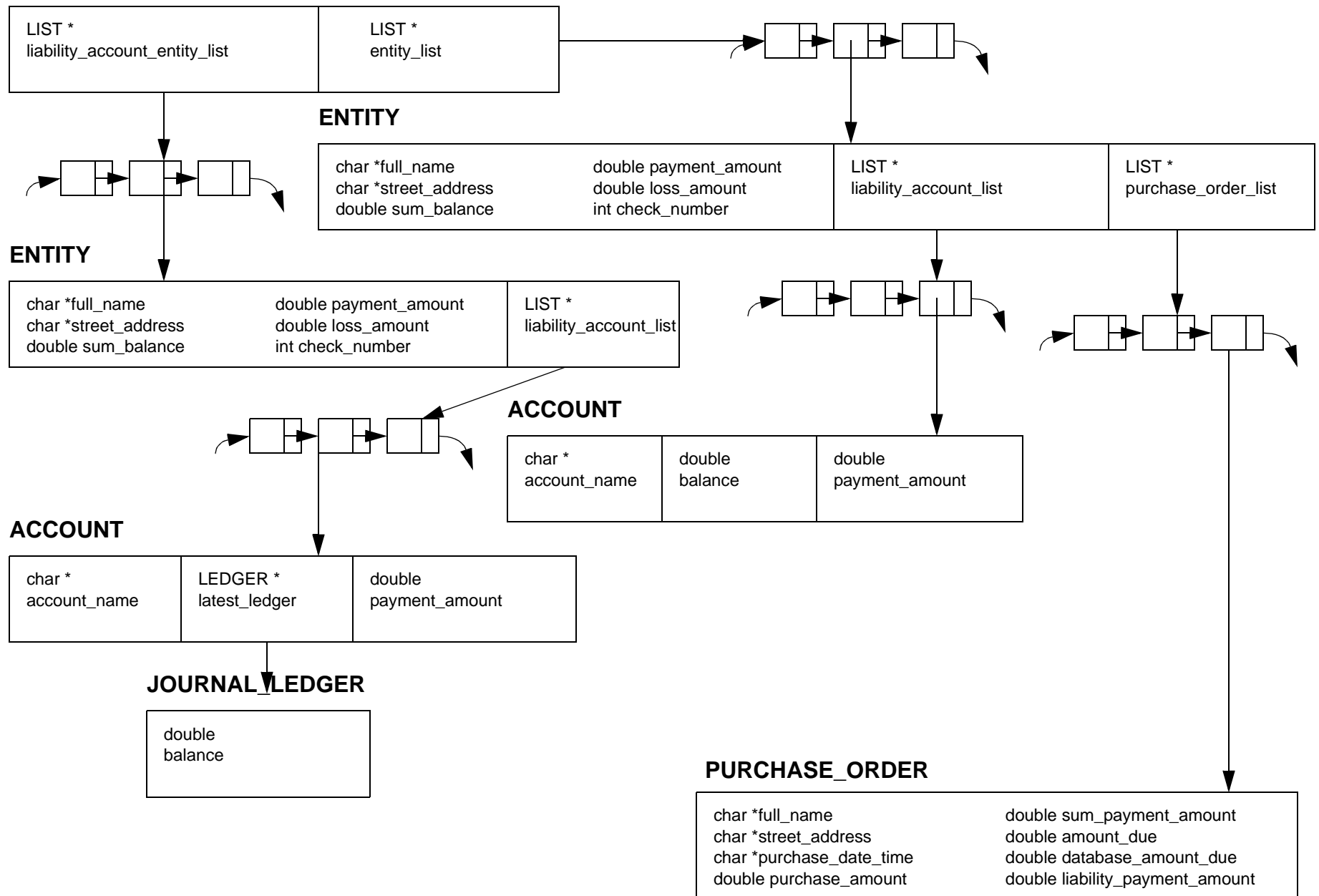
Diagram Details:

- The diagram uses boxes to represent entities and their attributes.
- Arrows indicate the relationships between entities and their associated lists.
- Each entity box is divided into sections for its attributes.
- The `ACCOUNT` entity is linked to the `JOURNAL_LEDGER` entity via the `current_liability_account_list` and `purchase_order_list`.
- The `JOURNAL_LEDGER` entity is linked to the `ACCOUNT` entity via the `entity_list` and `liability_account_entity_list`.

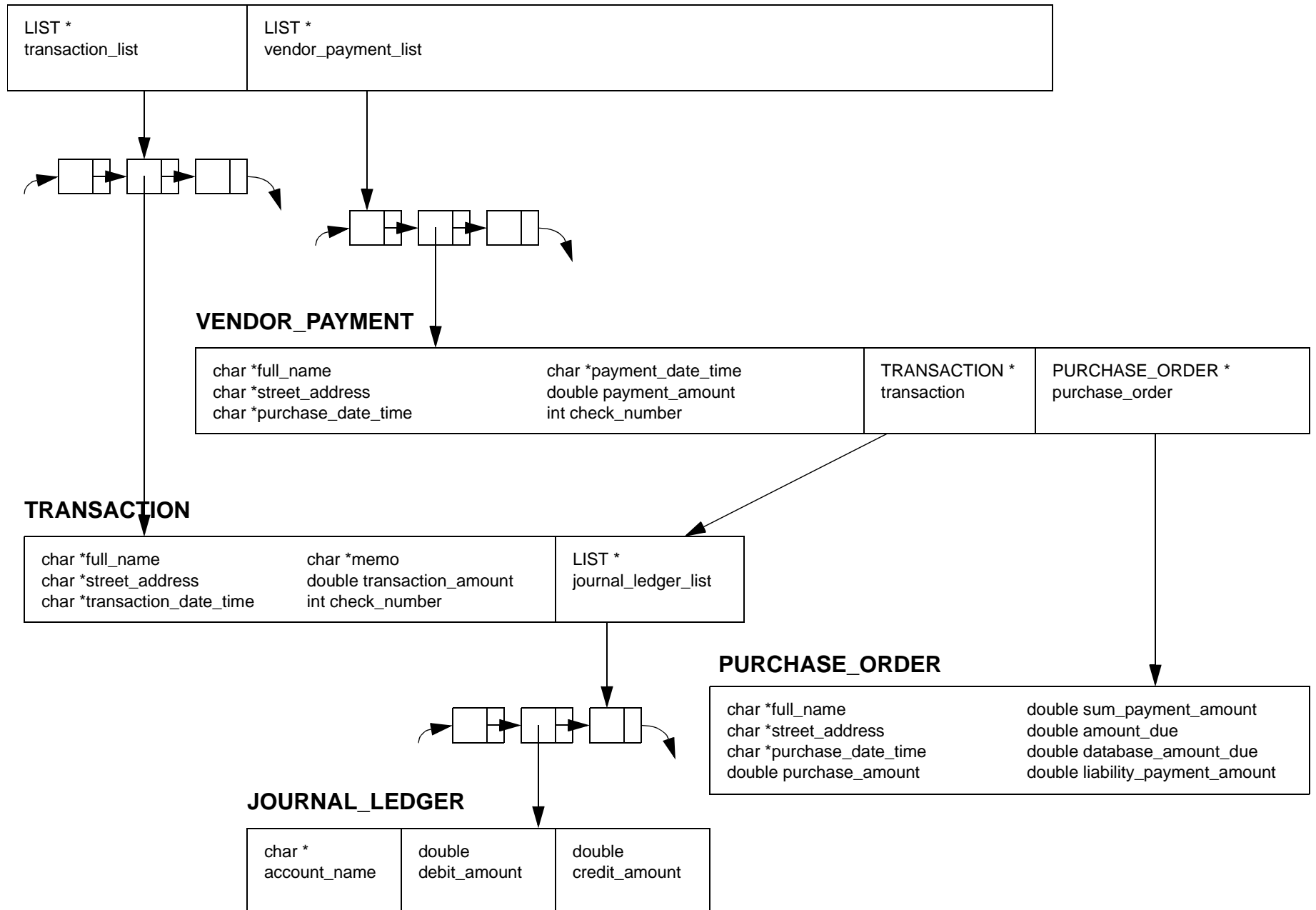
PAY_LIABILITIES_PROCESS (1)



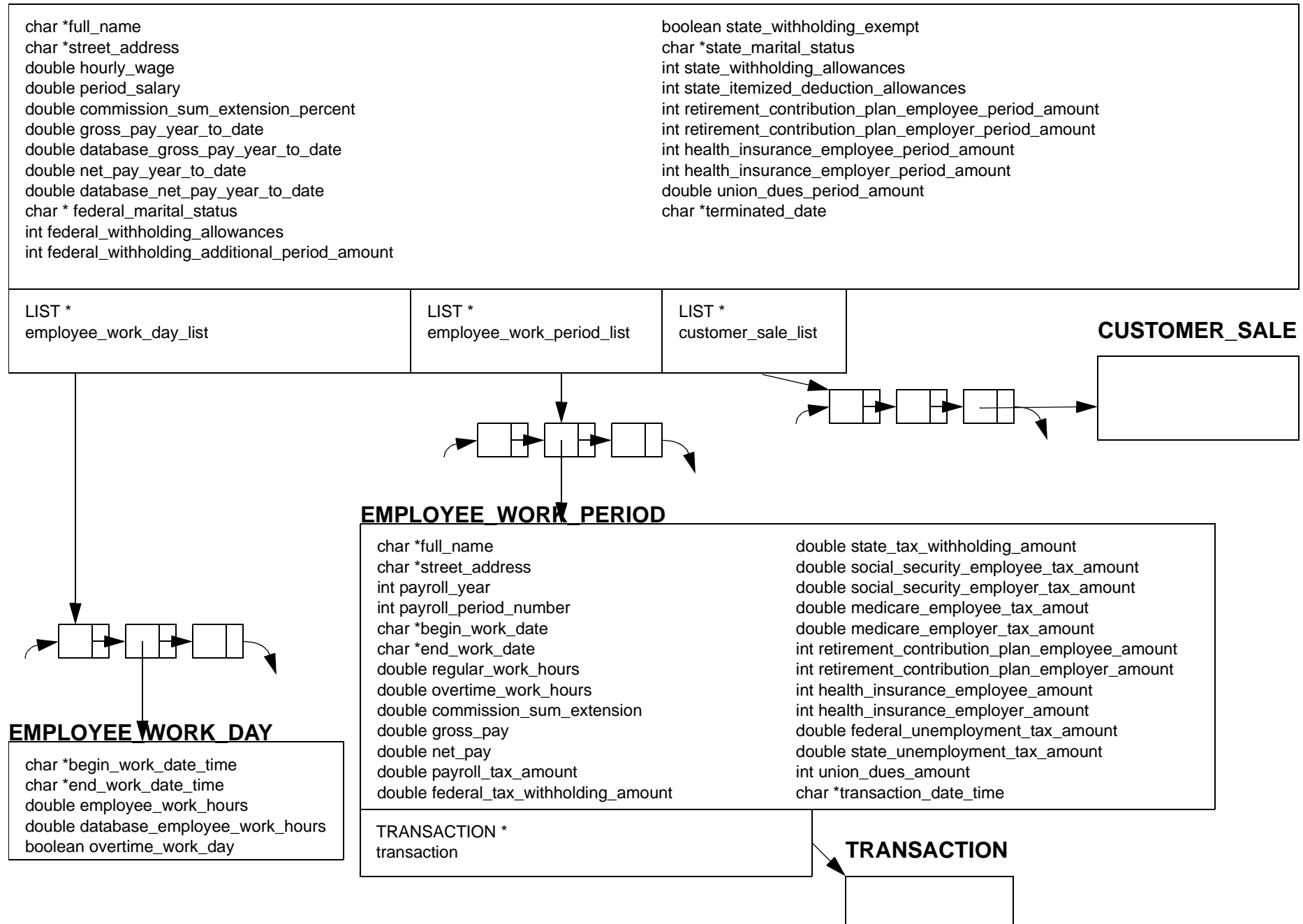
PAY_LIABILITIES_PROCESS (2)



PAY LIABILITIES OUTPUT



EMPLOYEE



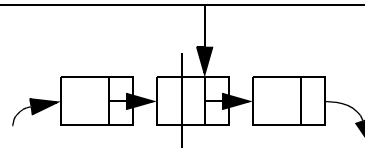
PAYROLL POSTING

```

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
    
```

```

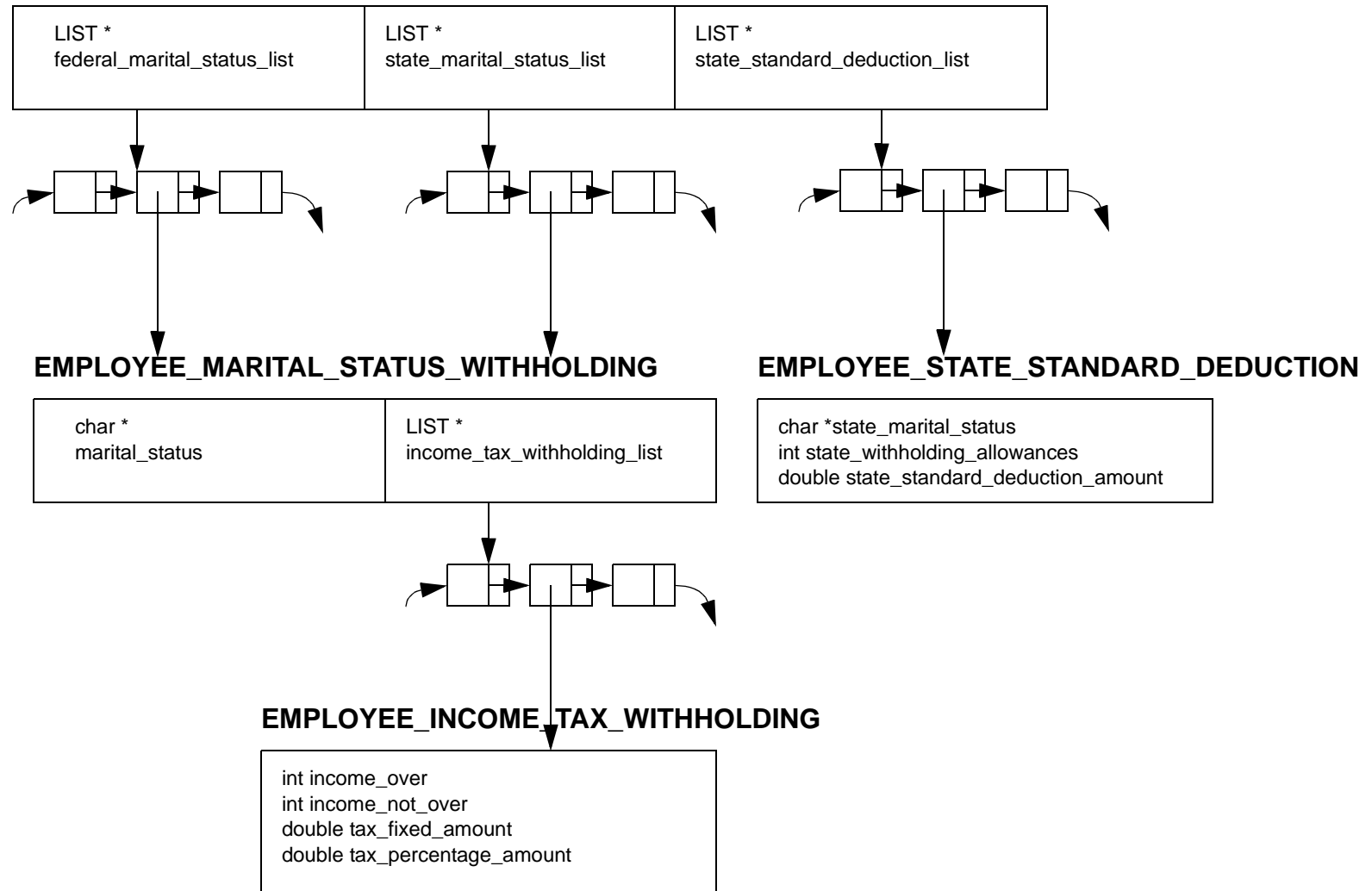
LIST *
employee_work_period_list
    
```



EMPLOYEE WORK PERIOD



EMPLOYEE_TAX_WITHHOLDING_TABLE



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.

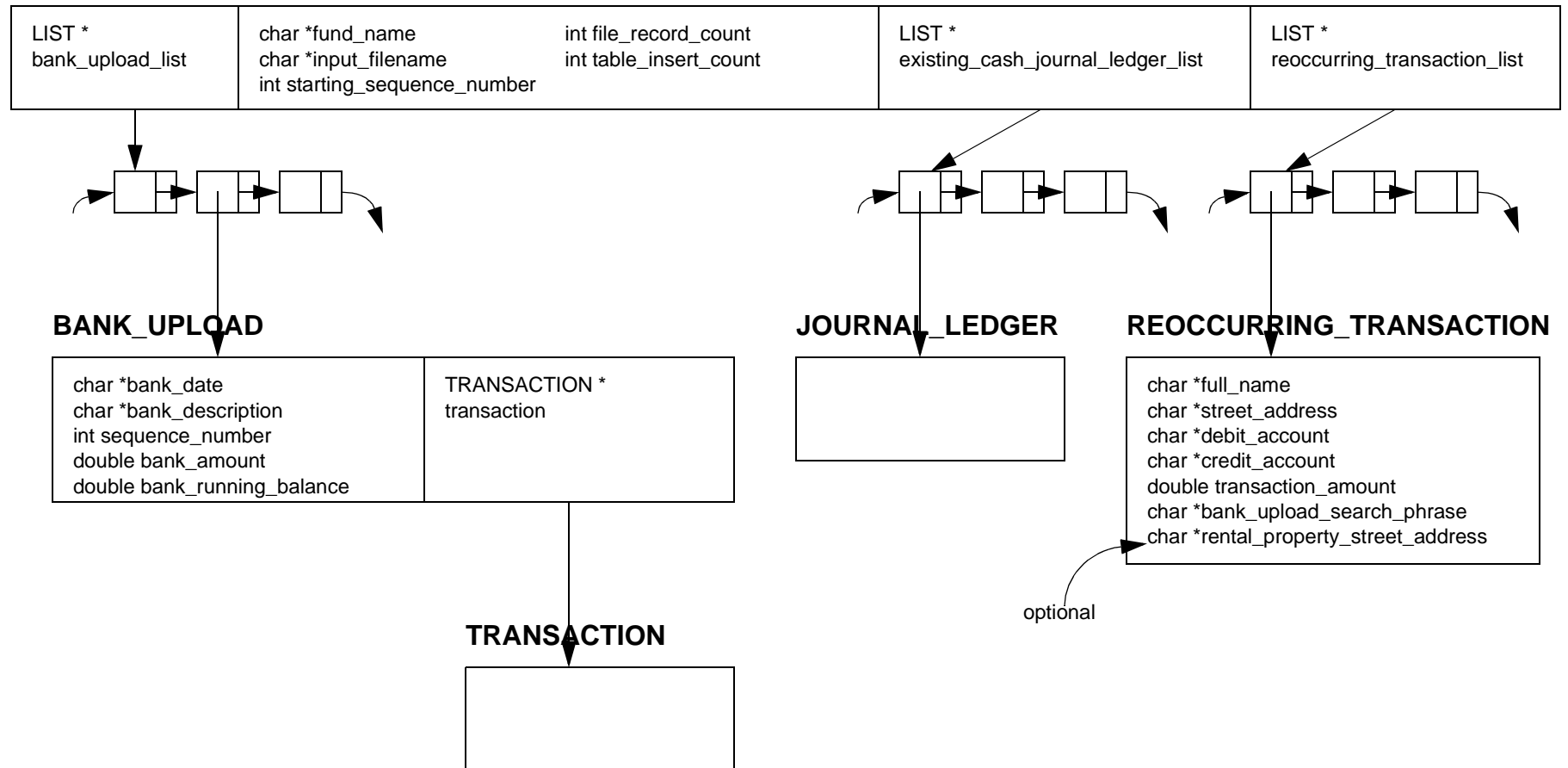
SUBSIDIARY_OUTPUT

TRANSACTION * transaction

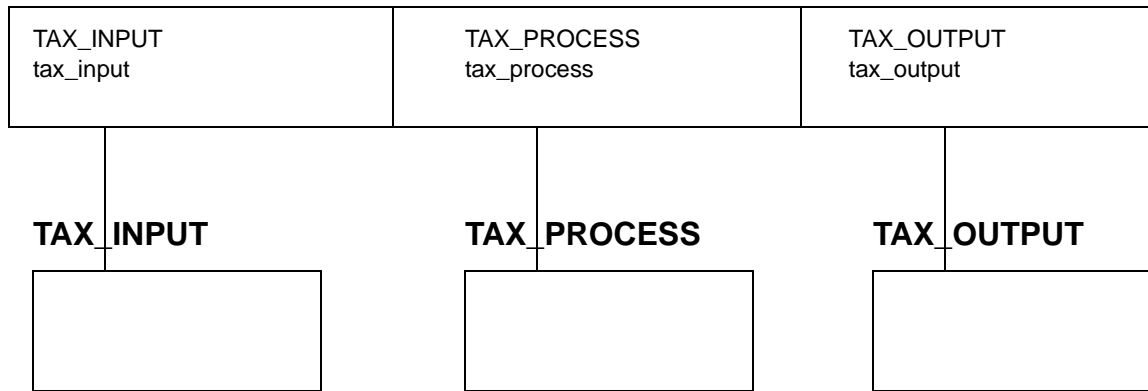
TRANSACTION

--

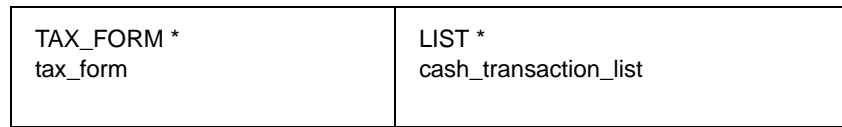
BANK_UPLOAD_STRUCTURE



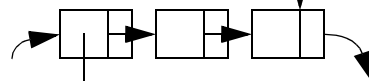
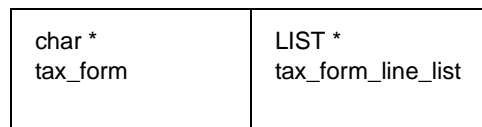
TAX



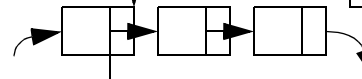
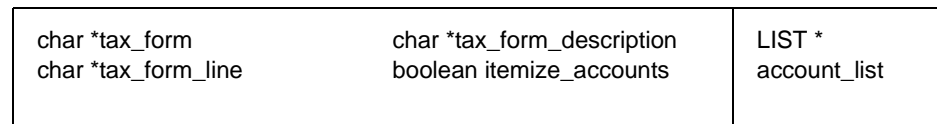
TAX_INPUT



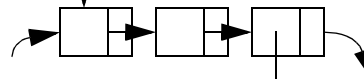
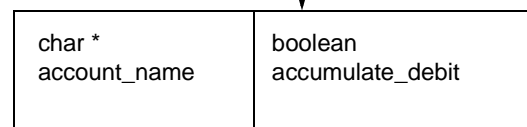
TAX_FORM



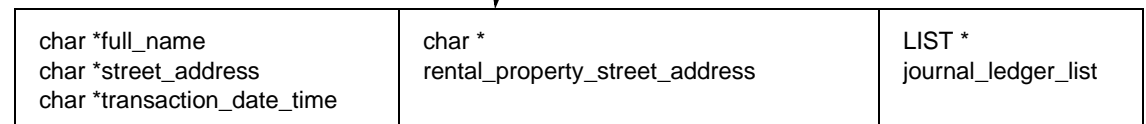
TAX_FORM_LINE



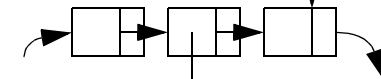
TAX_FORM_LINE_ACCOUNT



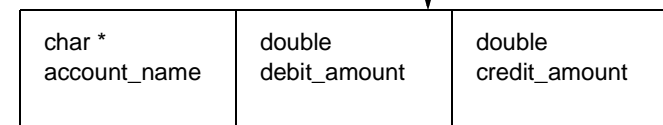
TRANSACTION



optional

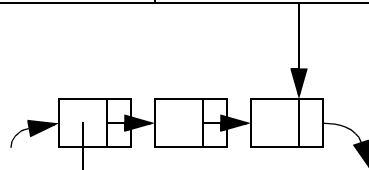


JOURNAL_LEDGER



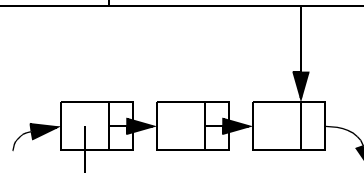
TAX_PROCESS

char * tax_form	LIST * tax_form_line_list
--------------------	------------------------------



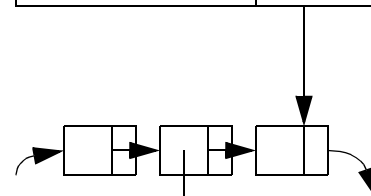
TAX_FORM_LINE

char *tax_form char *tax_form_line char *tax_form_description	boolean itemize_accounts double tax_form_line_total	LIST * tax_form_line_account_list
---	--	--------------------------------------



TAX_FORM_LINE_ACCOUNT

char * account_name	LIST * journal_ledger_list	boolean accumulate_debit
------------------------	-------------------------------	-----------------------------



JOURNAL_LEDGER

char * account_name	double debit_amount	double credit_amount
------------------------	------------------------	-------------------------

INVESTMENT_EQUITY

