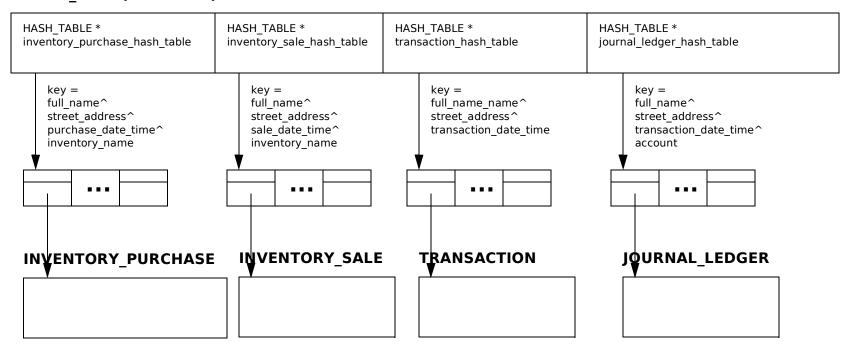
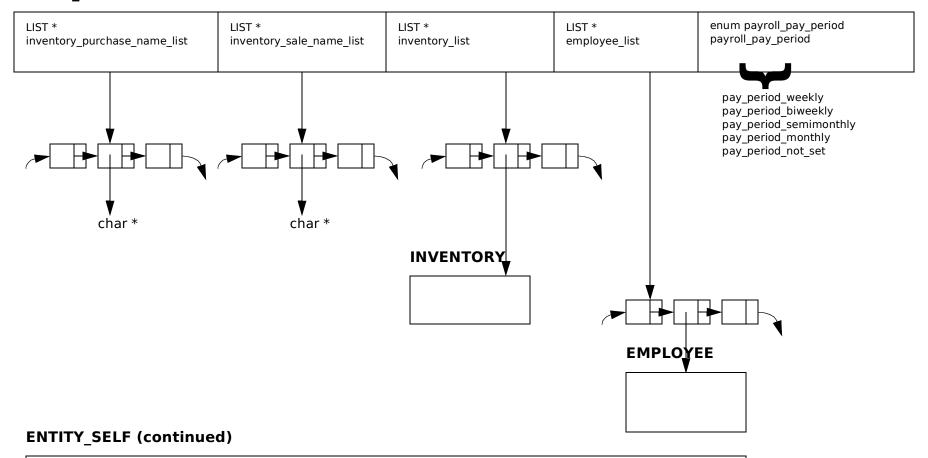


#### **ENTITY SELF (continued)**



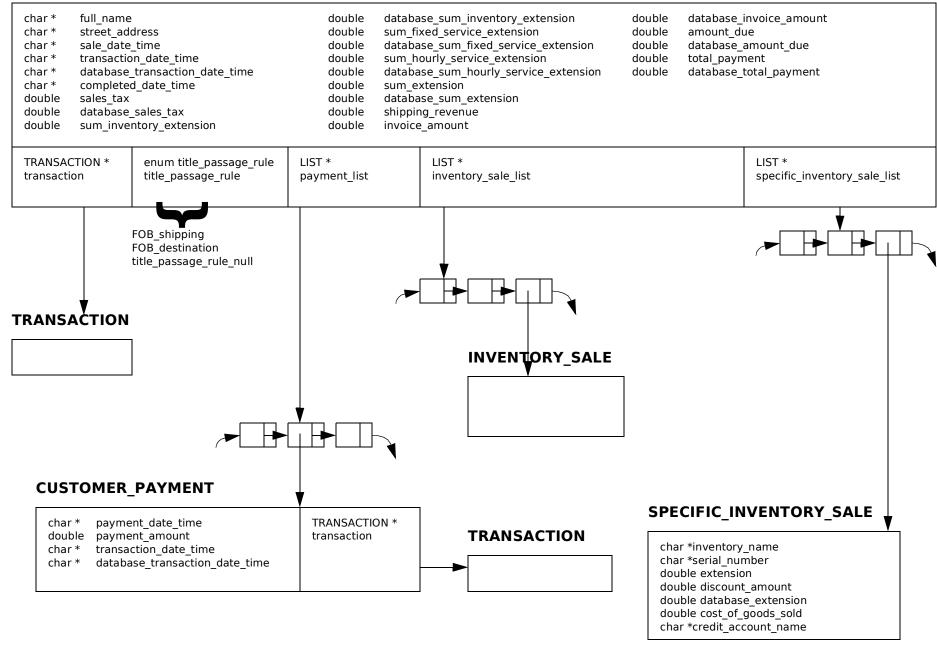
#### **ENTITY SELF (continued)**



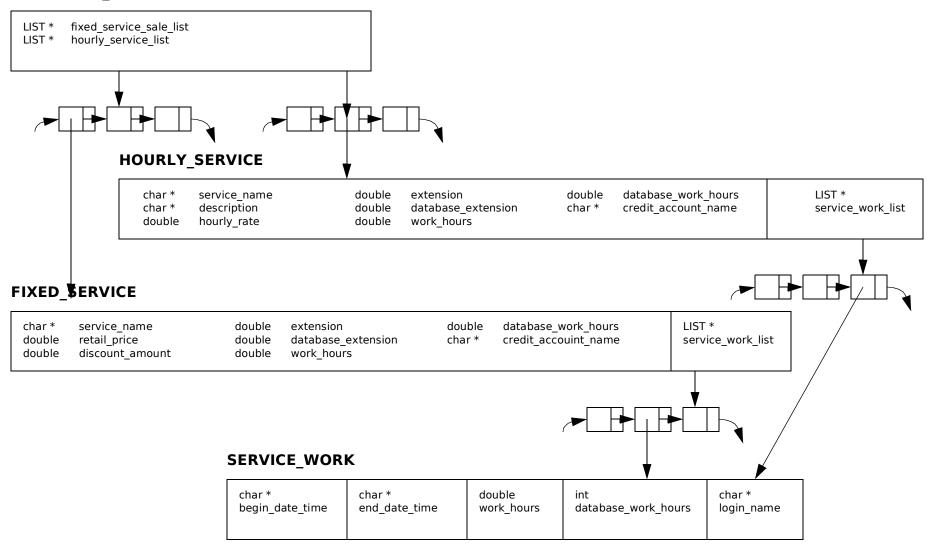
char \*payroll\_beginning\_day
double social\_security\_combined\_tax\_rate
int social\_security\_payroll\_ceiling
double medicare\_combined\_tax\_rate
double medicare\_additional\_withholding\_rate
int medicare\_additional\_gross\_pay\_floor
double federal\_withholding\_allowance\_period\_value
double 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

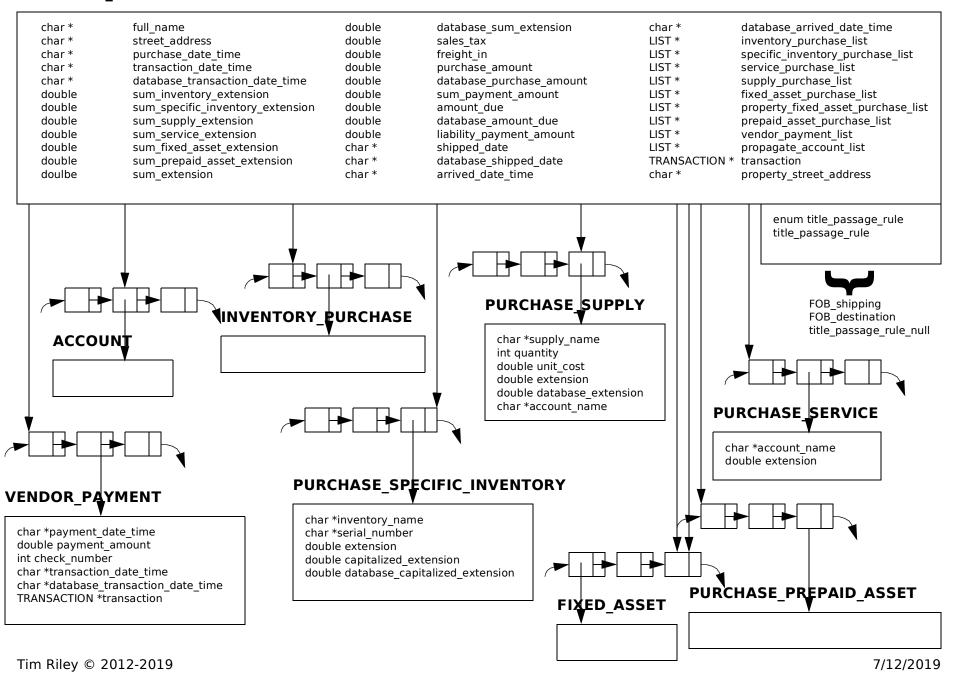
## CUSTOMER\_SALE (1)



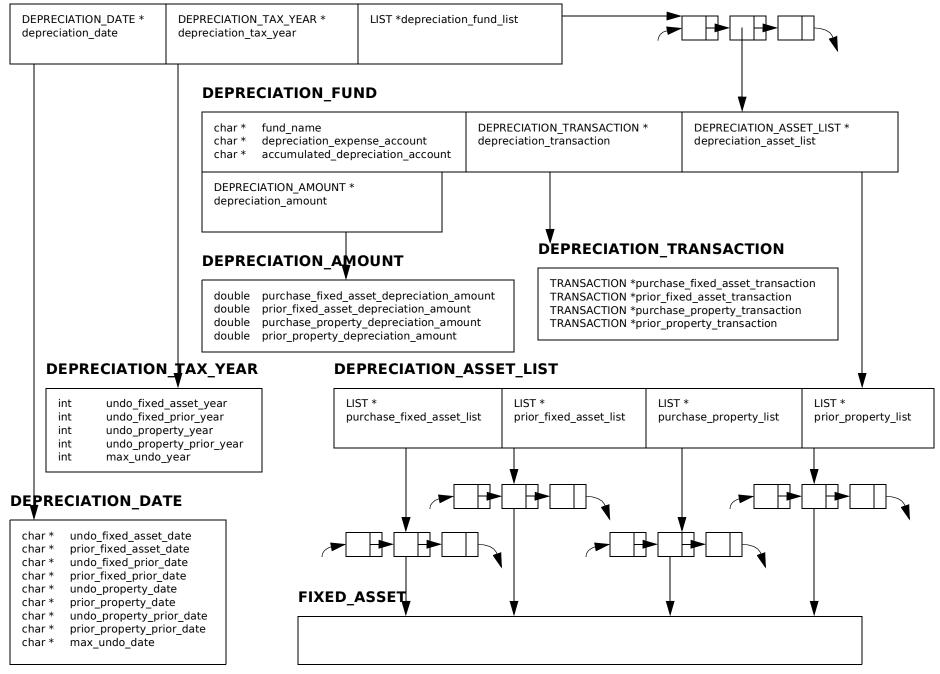
## CUSTOMER\_SALE (2)



#### **PURCHASE ORDER (1)**

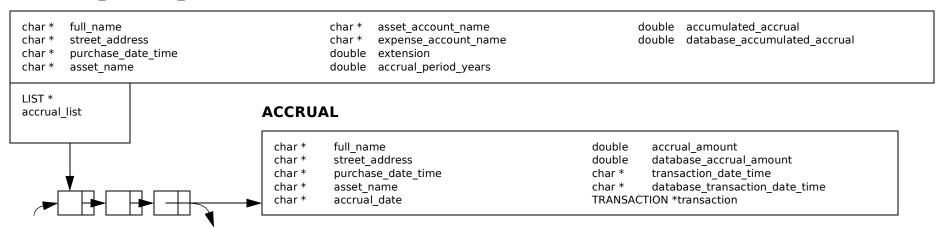


# PredictiveBooks Data Structure DEPRECIATION\_STRUCTURE



For property, store property\_street\_address and leave serial number null. **FIXED ASSET** asset\_name char \* int estimated useful life years double tax cost basis char \* serial number int estimated useful life units char \* tax recovery period estimated residual value debit account name int char \* disposal date char \* double finance\_accumulated\_depreciation char \* service\_placement\_date declining\_balance\_n int double extension char \* depreciation method double tax accumulated depreciation TAX RECOVERY \* **DEPRECIATION \*** tax recovery depreciation TAX\_RECOVERY **DEPRECLATION** service placecment date char \* char \* disposal date char \* depreciation\_date double tax\_cost\_basis int tax\_year int units\_produced char \* tax recovery period double recovery amount double depreciation amount double tax\_recovery\_period\_years double recovery\_percent

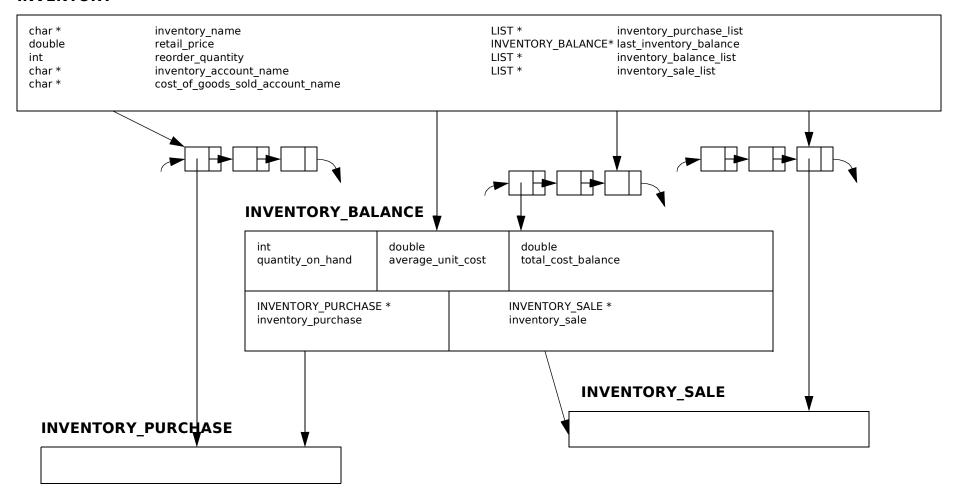
## PURCHASE\_PREPAID\_ASSET



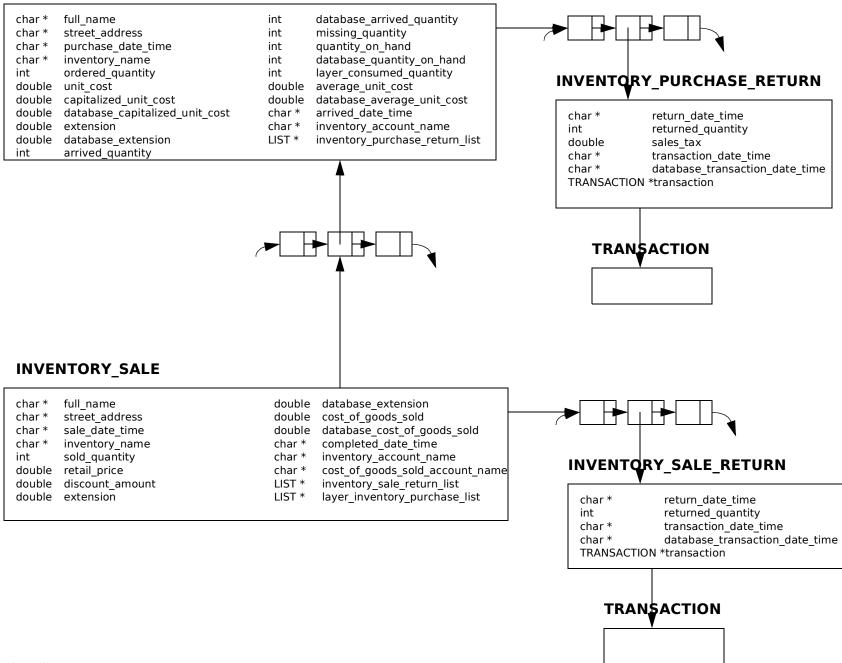
#### **VENDOR PAYMENT**

char *	double	char *	char *	TRANSACTION *	TRANSACTION
payment_date_time	payment_amount	transaction_date_time	database_transaction_date_time	transaction	<b>—</b>

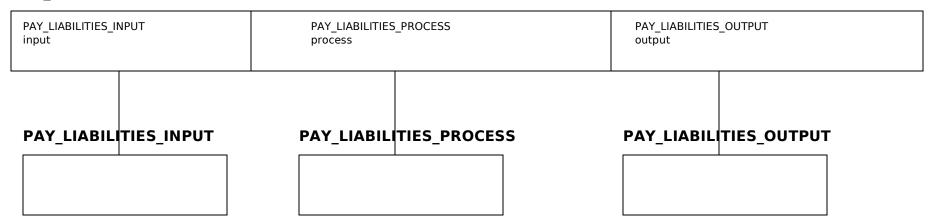
#### **INVENTORY**



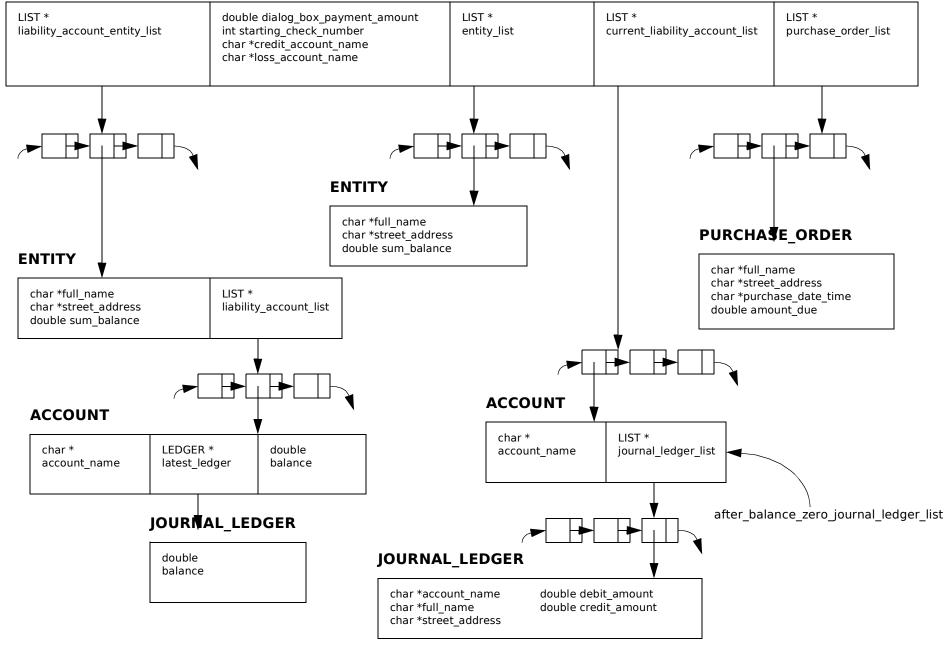
### **INVENTORY PURCHASE**



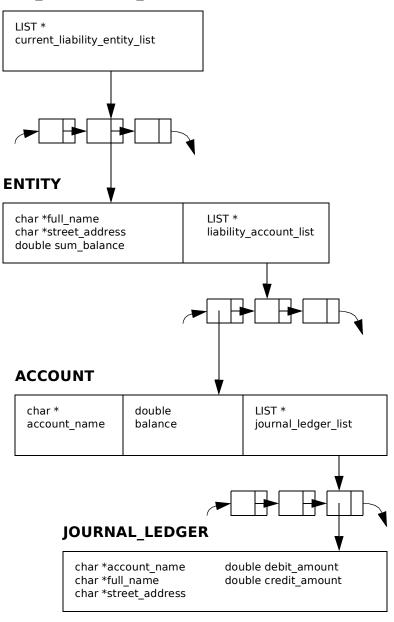
## **PAY\_LIABILITIES**



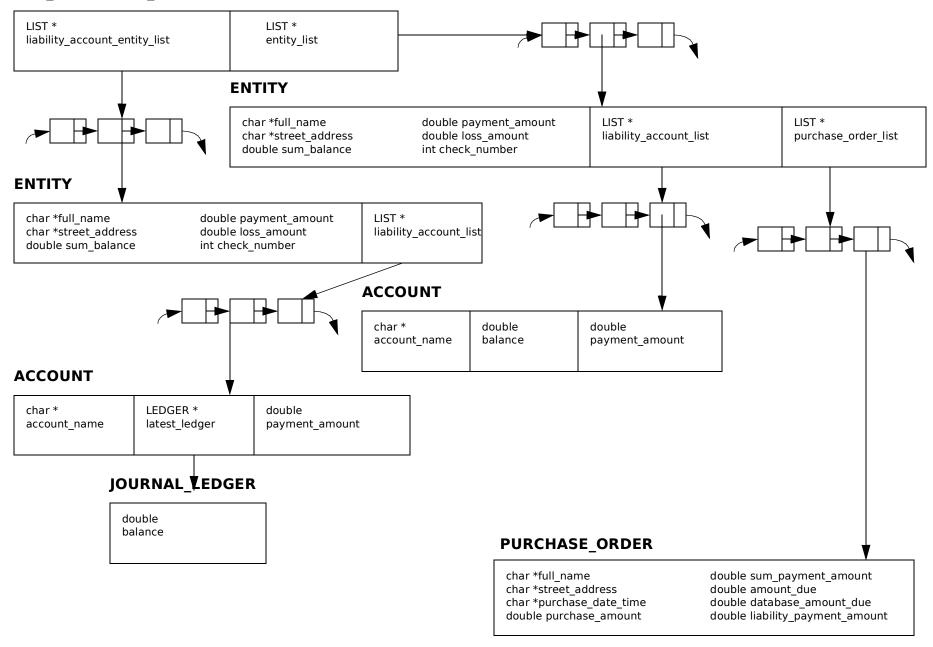
### PAY\_LIABILITIES\_INPUT



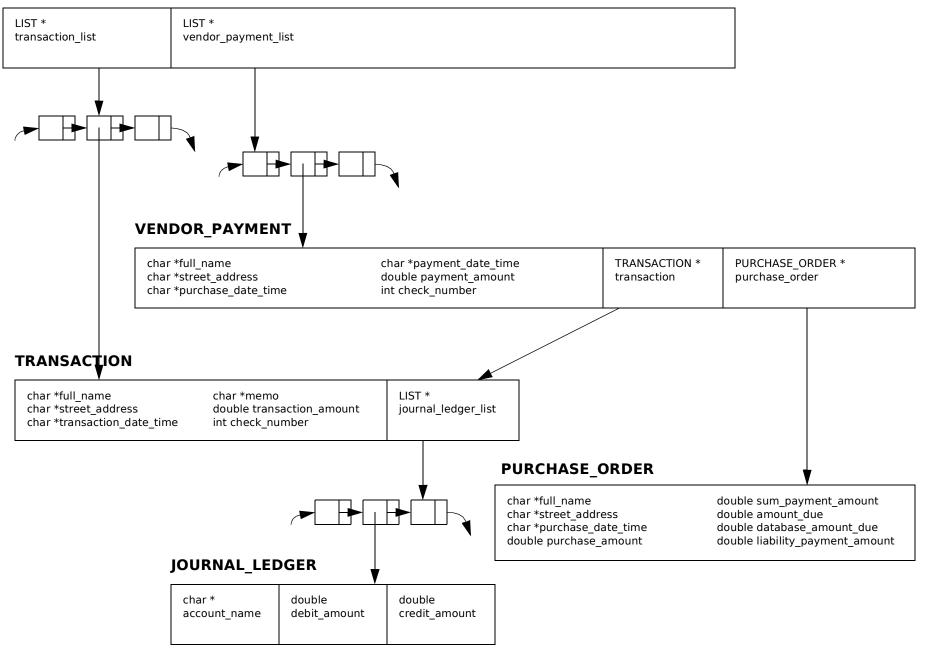
## PAY\_LIABILITIES\_PROCESS (1)



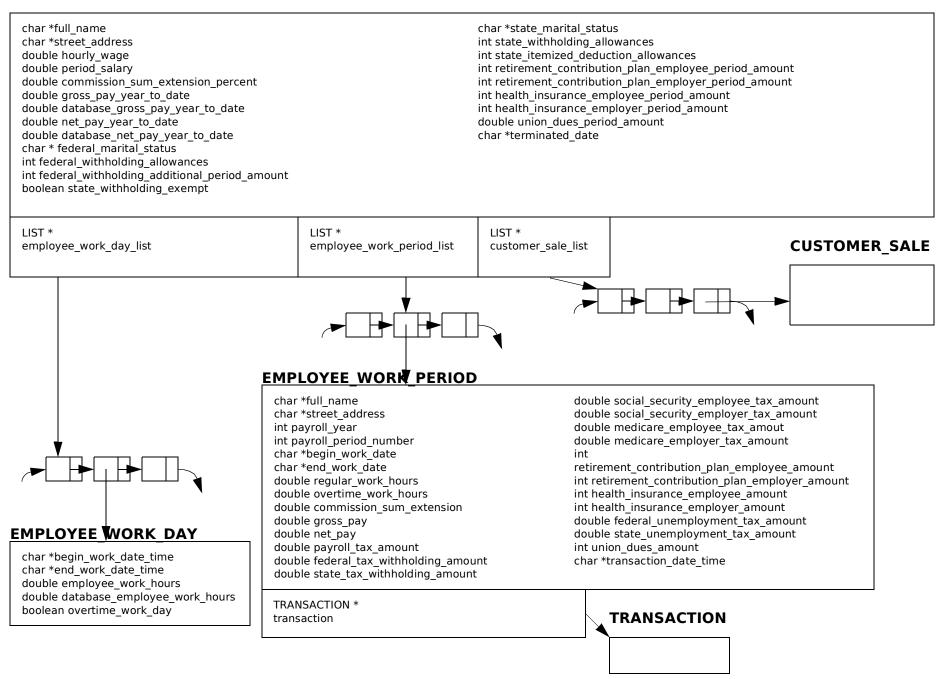
#### PAY\_LIABILITIES\_PROCESS (2)



## PAY\_LIABILITIES\_OUTPUT



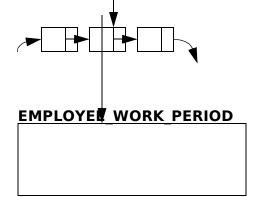
## **PredictiveBooks Data Structure EMPLOYEE**



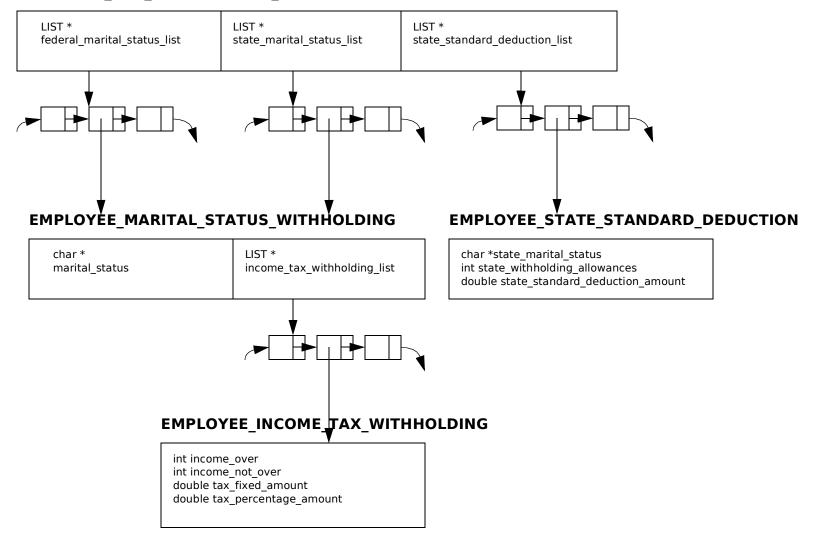
## **PAYROLL POSTING**

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

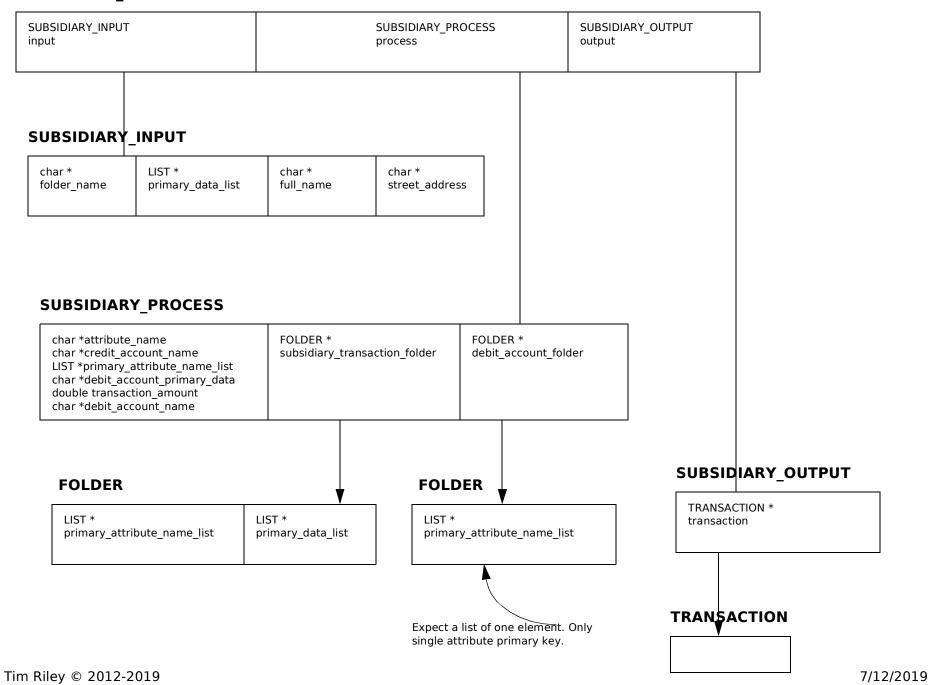
LIST \* employee\_work\_period\_list



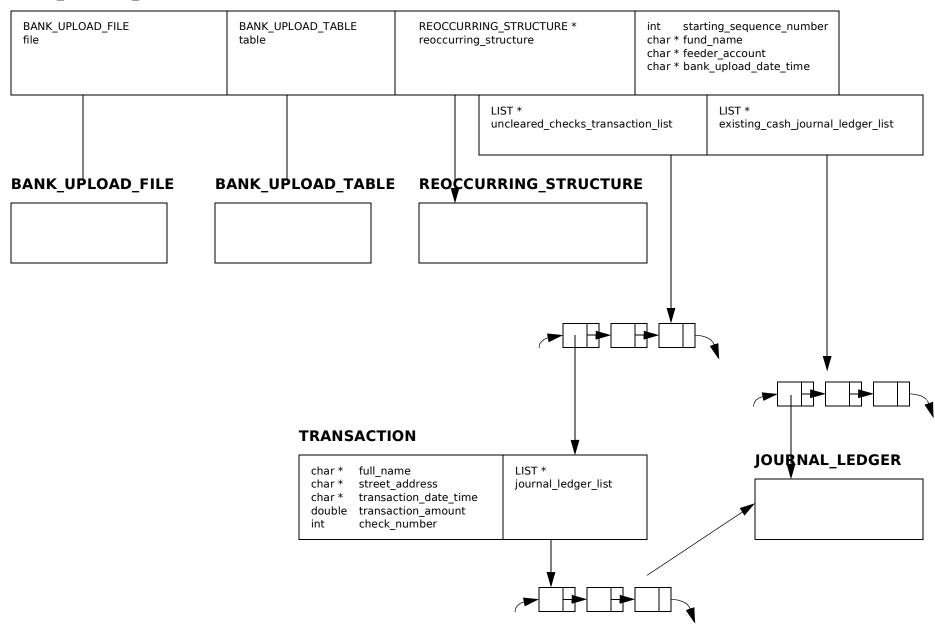
#### EMPLOYEE\_TAX\_WITHHOLDING\_TABLE



### **SUBSIDIARY TRANSACTION**

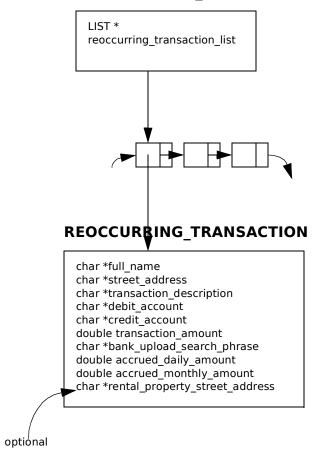


## **BANK\_UPLOAD\_STRUCTURE**

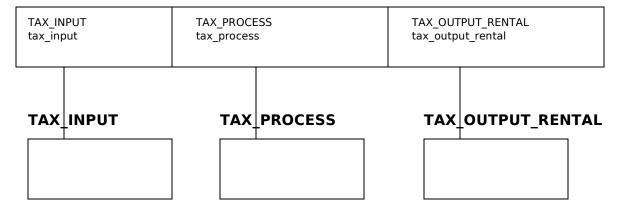


#### **BANK UPLOAD FILE BANK UPLOAD TABLE** LIST \* LIST \* char \* input filename date piece offset bank\_upload\_file\_list char \* file sha256sum int description piece offset bank\_upload\_table\_list char \* minimum bank date debit piece offset int file row count credit piece offset int int table insert count int balance piece offset LIST \* error\_line\_list char BANK UPLOAD JOURNAL LEDGER \* char \*bank date TRANSACTION \* LIST \* enum bank upload status cleared\_journal\_ledger char \*bank description transaction reconciled transaction list bank upload status int sequence number double bank amount double bank running balance char \*fund\_name existing\_transaction feeder\_phrase\_match **TRANSACTION** JOURNAL LEDGER

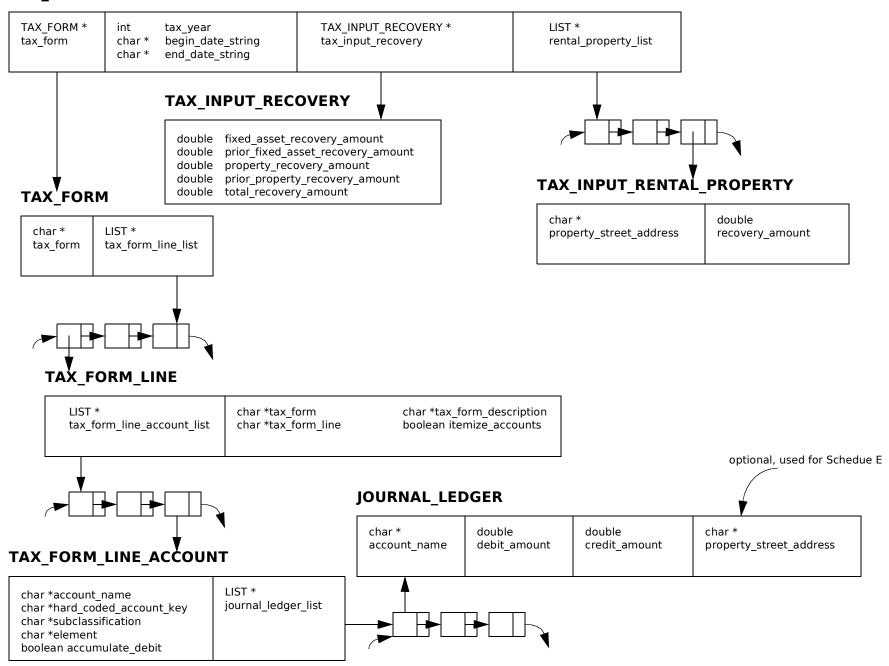
## **REOCCURRING\_STRUCTURE**



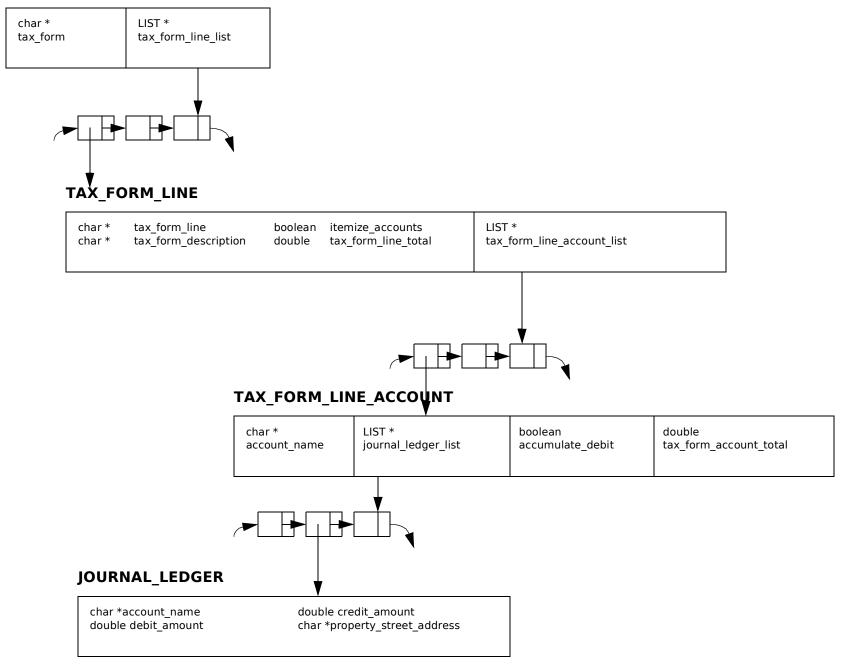
## TAX



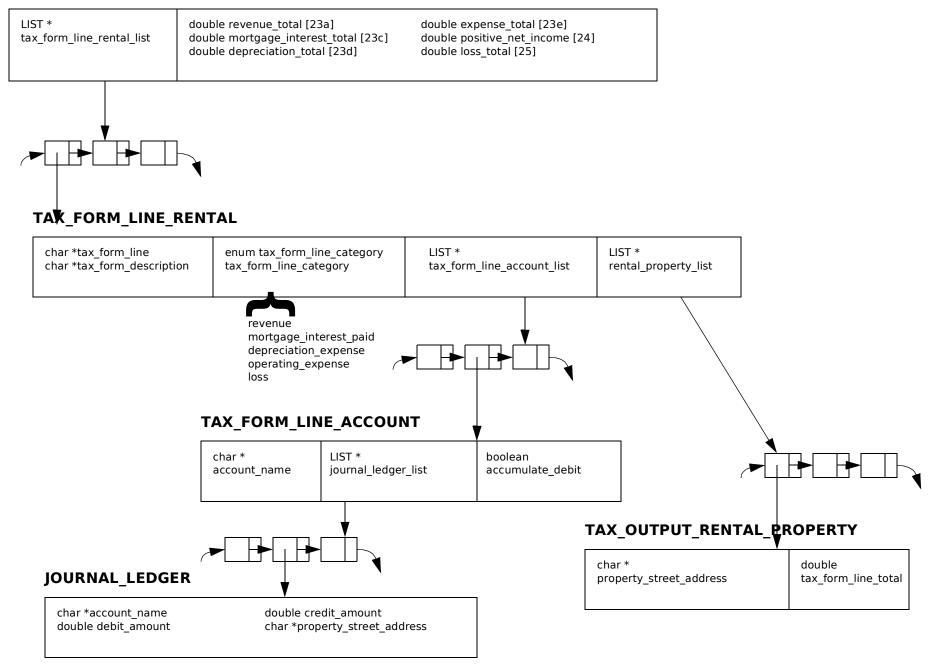
#### **TAX INPUT**



## TAX\_PROCESS



## TAX\_OUTPUT\_RENTAL



### **INVESTMENT EQUITY**

