Introduction to PawCom2
Access Front End

User Interface

Available Database Objects

Sample Code

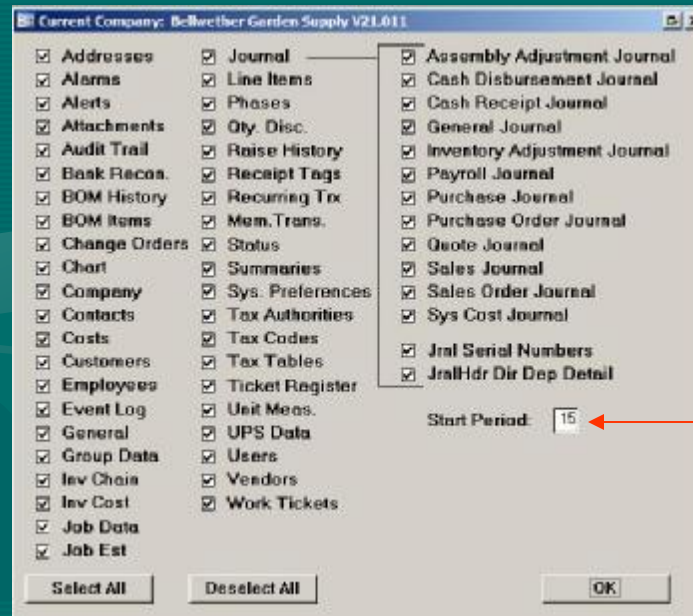# Main Menu

All of the functionality is managed from the Main Menu.

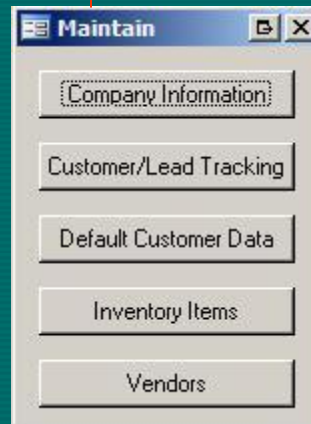| Configuration	Refresh	Maintain	Tasks	Reports	Demos	Help	Close Form	Exit

Configuration

- Select Company
- Select Files
- Attach/Detach Tables
- Options

First the user selects the target Sage 50/Peachtree company

Next user selects target data. Less selections gives faster results.

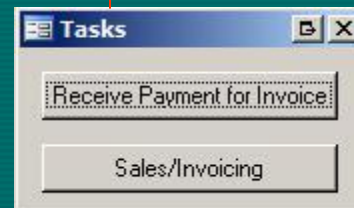**Current Company: Bellwether Garden Supply V21.011**

☑ Addresses	☑ Journal	☑ Assembly Adjustment Journal
☑ Alarms	☑ Line Items	☑ Cash Disbursement Journal
☑ Alerts	☑ Phases	☑ Cash Receipt Journal
☑ Attachments	☑ Qty. Disc.	☑ General Journal
☑ Audit Trail	☑ Raise History	☑ Inventory Adjustment Journal
☑ Bank Recon.	☑ Receipt Tags	☑ Payroll Journal
☑ BOM History	☑ Recurring Tx	☑ Purchase Journal
☑ BOM Items	☑ Mem.Trans.	☑ Purchase Order Journal
☑ Change Orders	☑ Status	☑ Quote Journal
☑ Chart	☑ Summaries	☑ Sales Journal
☑ Company	☑ Sys. Preferences	☑ Sales Order Journal
☑ Contacts	☑ Tax Authorities	☑ Sys Cost Journal
☑ Costs	☑ Tax Codes	
☑ Customers	☑ Tax Tables	☑ Jrnl Serial Numbers
☑ Employees	☑ Ticket Register	☑ JrnlHdr Dir Dep Detail
☑ Event Log	☑ Unit Meas.	
☑ General	☑ UPS Data	Start Period: 15
☑ Group Data	☑ Users	
☑ Inv Chain	☑ Vendors	
☑ Inv Cost	☑ Work Tickets	
☑ Job Data		
☑ Job Est		

Select All   Deselect All   OK

Start Period can be 15 or > for current periods or 0 for all data.

| Configuration | Refresh | Maintain | Tasks | Reports | Demos | Help | Close Form | Exit |

Refresh will pull fresh data from Sage 50/Peachtree for the selected tables.

Maintain

- Company Information
- Customer/Lead Tracking
- Default Customer Data
- Inventory Items
- Vendors

Maintain provides MS Access Form examples for maintaining the listed entities.

Tasks

- Receive Payment for Invoice
- Sales/Invoicing

Tasks provides MS Access Form examples for the listed tasks.

Each Maintenance & Task form is accompanied by **complete VBA code examples.**

| Configuration | Refresh | Maintain | Tasks | Reports | Demos | Help | Close Form | Exit |

Sample Reports

☐ Update data if stale

Customers & Sales		Vendors & Purchases	Employees _Payroll	Inventory	Miscellaneous
Aged Receivables by Customer	Paid Invoices by Sales Rep	Cash Disbursement Journal	Default Employee General	Aged Inventory	Alarms
Aged Receivables by SalesRep	Profit Margin by Sales Rep	Default Vendor Data	Default Employee EE Fields	Assembly Adjustment Journal	Alerts
Average Days to Payment	Quote Journal Header	Purchase Journal Header	Default Employee ER Fields	Assemblies	Attachments
Cash Receipt Journal	Quote Journal Detail	Purchase Journal Detail	Default Employee Pay Levels	BOM Items	Audit Trail
Cost of Sales	Sales by Item	Purchase Order Jrnl Header	Employees	Default Inventory Data	Company Information
Customer List	Sales by Item Monthly Summary	Purchase Order Jrnl Detail	Employee EE Data	Default Price Levels	Default Tax Types
Customer Mailing Labels	Sales by Item Summary	Vendor Ledger	Employee ER Data	Inventory Adjustments	Event Log
Customer Details	Sales by Sales Rep	Vendor List	Employee Pay Info	Inventory Adjustments by Job	General Data
Customer Notes	Sales Journal Header	Vendor Details	Employee Payroll Detail	Inventory Sales by Customer	Sales Tax Codes
Customer Tasks	Sales Journal Detail		Payroll Journal Header	Inventory Sales by Zipcode	Tax Authorities
CR: Payment Summary	Sales Order Items Sold Daily		Payroll Journal Job Detail	Item Costing	Tax Tables
Default Customer Data	Sales Order Journal Header	**Jobs**	Payroll Journal Pay Detail	Item Details	Tickets
Default Ship Method	Sales Order Journal Detail	Cost Codes		Item Labels	Users
Default Statement Data	Unpaid Invoices	Default Job Data	**General Ledger**	Items Sold to Customers	
Invoice Register		Job Data	Chart of Accounts		
Open Sales by Job		Job Expenses	Default GL Accounts		
		Job Profitability	General Journal		
		Job Profitability Detail	General Ledger		
		Job Profitability Summary	Income Statement		
		Phase Codes	Trial Balance		

All reports check for stale data & refresh optionally depending on user settings.

Sample Reports cover a wide variety of user interests. Report designs & complete VBA sample code are provided.

Demos

Updates*

Update All

Update Flagged

Updates Customer,
Employee, Line Item,
Ticket, and Vendor

Maintenance Objects

Add New Customer

Add New Employee

Add New Line Item

Add New Time Ticket

Add New Vendor

Add Record to Journal

Assembly Adjustment

Cash Disbursement

Cash Receipt Applied to Revenues

General Journal

Inventory Adjustment

Purchase

Purchase Applied to Purchase Order

Purchase Order

Quote

Sales Applied to Invoice

Sales Credit Memo

Sales Order

Examples of imports are provided from this form.

VBA sample code behind the form shows how to update or add new records.

From these examples you can derive most any update or add new record handlers. (Requires modest software engineering skills)

Access Database Objects: Tables

Linked tables represent tables in Sage 50/Peachtree Btrieve database.

Local tables are work tables used by the application.

Create table in Design view	Customer Custom Labels	Employee Header	Lookup Alert Type	Lookup Statement Print Info	Tax Table
Create table by using wizard	Customer Detail	Employee Lookup	Lookup Alert Valid States	Lookup States	Temporary Balance Sheet
Create table by entering data	Customer General Fields	Employee Pay Info	Lookup Attachment Item Type	Lookup Tax Authority BasedOn	Temporary Customer Data
Account Segments	Customer General Labels	Employee Payroll Detail	Lookup Audit Trail Action Code	Lookup User Access Codes	Temporary General Ledger
Addresses	Customer Header	Employee Payroll Field	Lookup Audit Trail Type	Lookup Vendor Insurance Type	Temporary General Ledger Balances
Allocat	Customer Ids	Employee Review	Lookup Billing Status	Lookup Warranty Period	Temporary GL Detail
Alarm	Customer Lookup	Event Log	Lookup Billing Type	Maintain Customer Invoice Detail	Temporary Invoice Detail
Alert	Customer Notes	Filtered Report Data	Lookup Costing Method	Maintain Customer Invoice History	Temporary Invoice Header
Archived Budget Summary	Customer ShipTo Addresses 2	Filtered Reports	Lookup Credit Status Description	Memorized Transaction Detail	Temporary Item Aging
Archived Chart Summary	Customer ShipTo Custom Labels	General Data	Lookup Default Employee W-2 Box 14 Code	Memorized Transaction Header	Temporary Item Costing Data
Archived Period Info	Customer Tasks	General Data 2	Lookup Default Employee W-2 Box Date	Options	Temporary Items Sold to Customers
AttachmentBundles	Default Customer Data	Group Data Detail	Lookup Default Employee W-2 Field Value	Passwords	Temporary Job Data
Attachments	Default Employee EE Fields	Group Data Header	Lookup Employee Employment Status	Paths	Temporary Job Expenses
Audit Trail	Default Employee ER Fields	ID List	Lookup Employee Ethnicity	PawTrack Version	Temporary Line Item Assemblies
Average Day to Pay	Default Employee General Data	Inventory Beginning Balance	Lookup Employee Gender	PaymentMethods	Temporary Line Item Components
Bank Reconciliation Detail	Default Employee Other Boxes	Inventory Chain	Lookup Employee I9Verification Status	Periods	Temporary Line Item History
Bank Reconciliation Header	Default Employee Pay Levels	Inventory Cost	Lookup Employee Marital Status	Phase Codes	Temporary QuantityOnHand
Batch Posting Data	Default Employee Payroll Lookup	Job Data	Lookup EventCategory	Pick Customer	Temporary Sales Journal Detail
BOM History	Default Employee PR DeductAdd Order	Job Estimate	Lookup EventType	Quantity Discount	Temporary Sales Journal Header
BOM History Components	Default Employee PR Pay Type Order	Job Profitability Report	Lookup Filing Status	Rate History	Temporary Vendor Ledger
BOM Items	Default Employee Status	Job Tag	Lookup Form of Business	Receipt Tags	Ticket Register
Budget	Default Employee W2 Boxes	TrnHdr	Lookup Gender	Recently Opened Companies	Unit Measure
BudgetDetail	Default GL Accounts	TrnHdr DirDep Detail	Lookup Government	Recurring Transactions	UPSInfo
Cash Flow	Default Inventory Data	TrnRow	Lookup Inventory Cost Code	Reports	UPSShipHeader
Cash Flow Account	Default Job Data	TrnRNo	Lookup Item Class	Roles	UPSShipMiscPackages
Cash Flow Transaction	Default Pay Method	Line Item Attributes	Lookup Job Billing Method	Sales Invoicing Select Invoice	UPSShipPackages
Change Order	Default Price Levels	Line Item Components	Lookup Journal Name	Sales Reps	UserRole
Change Order Detail	Default Review Rating	Line Item Header	Lookup Memorized Transaction Type	Startup data	Users
Chart Detail	Default Ship Method	Line Item History	Lookup Month Name	Status Codes	Vendor Detail
Chart Header	Default Statement Data	Line Item Lookup	Lookup Pay Frequency	Status History	Vendor Header
Chart Lookup	Default Tax Types	Line Item Price Levels	Lookup Pay Level	Status Notes	Vendor Insurance
Chart Purged Detail	Default Vendor Data	Lookup 1099 Settings	Lookup Pay Method	System Preferences	Vendor Lookup
Company Info	Earning Summary	Lookup 1099 Type	Lookup Pay Type	Tables to Attach - General	Vendor Remit To Addresses
Contacts	Earning Summary PR Fields	Lookup Account Type	Lookup Posting Type	Tables to Attach - Tracking	Version
Cost Codes	Earning Summary Wage	Lookup Aged Descriptions	Lookup Price Level Method	Target Status	Work Ticket Detail
Current Company	Employee Direct Deposit Data	Lookup Aging Groups	Lookup Price Level Rounding	Tax Authorities	Work Ticket Header
Customer Contacts	Employee EE Detail	Lookup Alert ApplyTo	Lookup Price Level Use	Tax Code Lookup	
Customer Custom Fields	Employee ER Detail	Lookup Alert Condition	Lookup Recurrence Rate	Tax Codes	

Access Database Objects: Queries

Queries use SQL to organize views of data. (See next page for Journals)

Create query in Design view	qry Chart Header	qry Income Statement Expenses	qry Quantity On Hand All
Create query by using wizard	qry Chart Lookup	qry Income Statement Revenues	qry Quote Journal Detail
aa qry JrnlHdr	qry Cost Of Sales	qry Inventory Adjustment Journal	qry Quote Journal Header
aa qry JrnlRow	qry Cost Of Sales Report	qry Inventory Adjustments by Job	qry Sales by Item Monthly Summary
aa qry Temp	qry Cost Per Item	qry Inventory BegBal Total	qry Sales by Item Report
aaQry_CR_Details	qry Customer Contacts	qry Inventory Beginning Balances	qry Sales by Job Report
aaQry_CR_Header	qry Customer List	qry Inventory Cost	qry Sales by Sales Rep Report
Assembly Adjustment Journal Detail	qry Customer Lookup	qry Inventory Cost1	qry Sales by Sales Rep Report 1
Assembly Adjustment Journal Header	qry Customer Mailing Labels	qry Inventory Sales	qry Sales by Sales Rep Report 2
Cash Disbursement Journal Detail	qry Customer Master File	qry Inventory Sales by Period	qry Sales Invoicing Select Invoice by Date
Cash Disbursement Journal Header	qry Customer Notes	qry Invoice Register	qry Sales Invoicing Select Invoice by ID
Cash Receipt Journal Detail	qry Customer Notes to Print	qry Items Sold to Customers	qry Sales Invoicing Select Invoice by Reference
Cash Receipt Journal Header	qry Customer ShipTo Addresses	qry Job Data	qry Sales Journal Detail
Cash Receipt Journal Header 0	qry Customer ShipTo Custom Labels	qry Job Expenses - Actual	qry Sales Journal Header
General Journal Detail	qry Customer Tasks	qry Job Expenses - Estimated	qry Sales Order Items Sold
General Journal Header	qry Customer Tasks to Print	qry Job IDs	qry Sales Order Journal Detail
Inventory Adjustment Journal Detail	qry DaysToPay	qry Job Ledger	qry Sales Order Journal Header
Inventory Adjustment Journal Header	qry Default Employee EE Fields	qry Job Profitability Balance Fwd	qry Sales Reps
Payroll Journal Header	qry Default Employee ER Fields	qry Job Profitability Report	qry Tax Authorities
Payroll Journal Job Detail	qry Default Employee General Data	qry Job Tag New	qry Temporary GL Detail - All
Payroll Journal Pay Detail	qry Default Employee Pay Levels	qry Job Tag Sorted	qry Temporary GL Detail - Last
Purchase Journal Detail	qry Default GL Accounts	qry JrnlRow Count	qry Temporary GL Detail - Rollup
Purchase Journal Header	qry Default Inventory Data	qry Line Item Components	qry Ticket Register
Purchase Order Journal Detail	qry Default Price Levels	qry Line Item Components 1	qry Units Received
Purchase Order Journal Header	qry Default Vendor Data	qry Line Item Lookup	qry Unpaid Invoices
qry Aged Inventory 1	qry Employee EE Data	qry Line Items	qry Update Line Item History
qry Aged Receivables	qry Employee ER Data	qry Maintain Customer Invoice History	qry Users
qry Aged Receivables 1	qry Employee Header	qry Open Invoices by job	qry Vendor Header
qry Alarms	qry Employee Lookup	qry Paid Invoices by Sales Rep	qry Vendor Ledger
qry Alerts	qry Employee Pay Info	qry Payment Summary Report	qry Vendor Lookup
qry Assembly Adjustment Journal Report	qry Employee Payroll Detail	qry Payroll Journal Header	Quote Journal Detail
qry Attachments	qry Event Log	qry Payroll Journal Job Detail	Quote Journal Header
qry Audit Trail	qry General Journal	qry Payroll Journal Pay Detail	Sales Journal Detail
qry Beginning Balances	qry General Ledger	qry PeriodEndDate	Sales Journal Header
qry BOM Assembly Components	qry General Ledger Detail	qry Periods	Sales Order Journal Detail
qry BOM Items	qry General Ledger Trial Balance	qry Purchase Journal Detail	Sales Order Journal Header
qry BOM Latest History	qry General Ledger Trial Balance 1	qry Purchase Journal Header	sqry_Temporary_General_Ledger
qry Cash Disbursement Journal Header	qry General Ledger Trial Balance 2	qry Purchase Order Journal Detail	
qry Cash Receipt Journal Header	qry Income Statement Cost Of Sales	qry Purchase Order Journal Header	

☑ Assembly Adjustment Journal
☑ Cash Disbursement Journal
☑ Cash Receipt Journal
☑ General Journal
☑ Inventory Adjustment Journal
☑ Payroll Journal
☑ Purchase Journal
☑ Purchase Order Journal
☑ Quote Journal
☑ Sales Journal
☑ Sales Order Journal
☑ Sys Cost Journal

The Journal is divided into Header & Detail records.

ALL journals (12) are kept in just 2 tables:

JrnlHdr & JrnlRow

On the previous page you will see examples of each journal as a query which you can copy & modify for your own use. (You must have modest understanding of SQL or structured query language to use queries)

Access Database Objects: Forms

Create form in Design view	Open Company
Create form by using wizard	Options
About PAWCOM	Pick Customer
Attach Tables	Receive Payment for Invoice
Configuration	Repair EventLog
Default Customer Data	Report List
Demos	Sales Invoicing
Edit Customer Note	Sales Invoicing Discount
Edit Customer ShipTo Address	Sales Invoicing Note
Edit Customer Task	Sales Invoicing PopUp Notes
Edit Note Subform	Sales Invoicing Print
Expense Tickets	Sales Invoicing Receive Payment
Filtered Reports	Sales Invoicing Select Invoice
Invoice to Clipboard	Select ending period
Job Expenses Report	Select Files
Main Menu	Select Job
Maintain	Select period range
Maintain Company Information	Ship To Address
Maintain Customer Change ID	Tasks
Maintain Customer Contacts	
Maintain Customer Contacts Short	
Maintain Customer Custom Labels	
Maintain Customer General Labels	
Maintain Customer Invoice	
Maintain Customer Invoice Item	
Maintain Customer Notes	
Maintain Customer ShipTo Addresses	
Maintain Customer ShipTo Labels	
Maintain Customer Tasks	
Maintain Customer Terms	
Maintain Customers	
Maintain Inventory Item Add Component	
Maintain Inventory Item Change ID	
Maintain Inventory Item Prices Subform	
Maintain Inventory Item Prices Subform2	
Maintain Inventory Items	
Maintain Vendor Change ID	
Maintain Vendor Terms	
Maintain Vendors	

Much of the work of manipulating data is done with forms. Form names are self-descriptive.

VBA code samples are provided for all forms. (Modest software engineering skills required)

Access Database Objects: Reports

Create report in Design view	rpt Employee EE Data	rpt Profit Margin Report by Sales Rep
Create report by using wizard	rpt Employee ER Data	rpt Purchase Journal Detail
rpt aa Test	rpt Employee Pay Info	rpt Purchase Journal Header
rpt Aged Inventory	rpt Employee Payroll Detail	rpt Purchase Order Journal Detail
rpt Aged Receivables by Customer	rpt Employees	rpt Purchase Order Journal Header
rpt Aged Receivables by Sales Rep	rpt Event Log	rpt Quote Journal Detail
rpt Alarms	rpt General Data	rpt Quote Journal Header
rpt Alerts	rpt General Journal	rpt Sales by Item
rpt Assembly Adjustment Journal	rpt General Ledger	rpt Sales by Item Monthly Summary
rpt Attachments	rpt General Ledger Trial Balance	rpt Sales by Item Summary
rpt Audit Trail	rpt Income Statement	rpt Sales by Sales Rep
rpt Average Days To Payment	rpt Income Statement Cost Of Sales	rpt Sales Journal Detail
rpt BOM Items	rpt Income Statement Expenses	rpt Sales Journal Header
rpt Cash Disbursement Journal	rpt Income Statement Revenues	rpt Sales Open by Job
rpt Cash Receipt Journal	rpt Inventory Adjustment Journal	rpt Sales Order Items Sold Daily
rpt Chart of Accounts	rpt Inventory Adjustments by Job	rpt Sales Order Journal Detail
rpt Company Information	rpt Inventory Sales by Customer	rpt Sales Order Journal Header
rpt Cost Codes	rpt Inventory Sales by Zipcode	rpt Sales Tax Codes
rpt Cost of Sales	rpt Invoice	rpt Tax Authorities
rpt Customer List	rpt Invoice Detail	rpt Tax Table
rpt Customer Mailing Labels	rpt Invoice Register	rpt Ticket Register
rpt Customer Master File	rpt Item Costing	rpt Unpaid Invoices
rpt Customer Note	rpt Items Sold To Customers	rpt Users
rpt Customer Notes	rpt Job Data	rpt Vendor Ledger
rpt Customer Task	rpt Job Expenses	rpt Vendor List
rpt Customer Tasks	rpt Job Profitability	rpt Vendor Master File
rpt Default Customer Data	rpt Job Profitability Detail	
rpt Default Employee EE Fields	rpt Job Profitability Summary	
rpt Default Employee ER Fields	rpt Line Item Assemblies	
rpt Default Employee General Data	rpt Line Item Labels	
rpt Default Employee Pay Levels	rpt Line Items	
rpt Default GL Accounts	rpt Packing Slip	
rpt Default Inventory Data	rpt Packing Slip Detail	
rpt Default Job Data	rpt Paid Invoices by Sales Rep	
rpt Default Price Levels	rpt Payment Summary	
rpt Default Ship Method	rpt Payroll Journal Header	
rpt Default Statement Data	rpt Payroll Journal Job Detail	
rpt Default Tax Types	rpt Payroll Journal Pay Detail	
rpt Default Vendor Data	rpt Phase Codes	

Extensive report examples are provided. From these you have report designs you can copy & modify for your own use.

In addition there are many VBA code samples for the reports which you can copy & modify for your own use.

Access Database Objects: VBA Code Samples

32-bit Specific Support	JrnlRow functions
aaStd_mwClearTables	JrnlSNo functions
Address functions	Line Item functions
Aflocat	Memorized Transaction functions
Alarm functions	Payment_Method_Functions
Alert functions	Phase Code functions
Attach tables	PostDialog function
Attachments functions	Purchase Journal functions
Audit Trail functions	Quantity Discount functions
Bank Reconciliation functions	Raise History functions
BOM History functions	Receipt Tag functions
BOM Items functions	Recurring Transaction functions
Btrieve functions	Roles functions
Cash Receipt Journal functions	Sales Journal functions
Change Order functions	Status functions
Chart functions	Structures
Company Info Functions	Summary functions
Contact functions	Support functions
Cost Code functions	Support functions 2
Customer functions	Support functions 3
Default Functions	System Preferences functions
Demonstration functions	Target functions
Demonstration Support functions	Tax Authority functions
Employee functions	Tax Code functions
Error Handling	Tax Table functions
Eventlog functions	Ticket Register functions
General Data functions	Unit Measure
General Journal functions	UPS Data
Globals	User functions
Globals2	Vendor functions
Group Data functions	VendorInsurance
Inventory Adjustment Journal functions	Work Ticket functions
Inventory Chain functions	
Inventory Cost functions	
Job Data functions	
Job Estimate functions	
Journal functions	
Journal Support Functions	
JrnlHdr functions	

All of the MS Access objects use VBA code which is provided in modules.

Module names are in most cases self-explanatory.

You should be careful to copy & modify the sample code so as not to break the MS Access front end functionality.

Modest VBA programming skills required.