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GoldMine® Technical Guide: GoldMine Database Structure

This guide is relevant to the following GoldMine version types:

Technical Guide Compatibility						
GoldMine Version	4.x	5.x	5.5	BCM 5.7	S&M MR1	S&M MR2
Database Type	dBase				SQL	
Web Version	Thin Client				Web	
Office Version	v6		97		2000	XP (2002)
Key: BCM – Business Contact Manager S&M – Sales & Marketing MR x – Maintenance Release						

Filename: CAL.DBF

NAME	TYPE	LENGTH	DEC	DESCRIPTION
USERID	C	8	0	User Name
ACCOUNTNO	C	20	0	Account No.
ONDATE	D	8	0	Date
ONTIME	C	5	0	Time
ENDDATE	D	8		Ending Date
ALARMFLAG	C	1	0	Alarm Flag
ALARMTIME	C	5	0	Alarm Time
ALARMDATE	D	8		Alarm Date
ACTVCODE	C	3	0	Activity Code
RSVP	C	1	0	RSVP Notification
DURATION	N	3	0	Duration/Probability
RECTYPE	C	1	0	Record Type
ACONFIRM	C	3	0	
APPTUSER	C	10	0	Colour of Activity
STATUS	C	4		
DIRCODE	C	10		GoldMine Database
NUMBER1	N	11	2	Forecasted sale value
NUMBER2	N	8	0	Units of Product
COMPANY	C	60	0	Company Name
REF	C	80	0	Forecasted Product or General Subject.
NOTES	M	10	0	Notes - max of 64,000 Characters
LINKRECID	C	15		
LDOCRECID	C	15		
LOPRECID	C	15		Opportunity ID
CREATEBY	C	8	0	Created by
CREATEON	D	8	0	Date of Creation
CREATEAT	C	5	0	Time of Creation
LASTUSER	C	8	0	Last Updated by User
LASTDATE	D	8	0	Last Updated Date
LASTTIME	C	5	0	Last Updated Time
VISIBLTETO	C	8		Not implemented
RECID	C	15		Used for synchronisation

RECTYPE:	A	Appointment	C	Call Back
	T	Next Action	D	To-do
	M	Message	S	Sales Potential
	O	Other	Q	Quota Analysis
	E	Event		Peg Board (note rectype is blank)
	H	Holiday		

Filename: CONTACT1.DBF

NAME	TYPE	LENGTH	DEC.	DESCRIPTION
ACCOUNTNO	C	20	0	Unique ID – Referred to as the Account Number
COMPANY	C	40	0	Company Name
CONTACT	C	40	0	Contact Name
LASTNAME	C	15	0	Contact's Last Name
DEPARTMENT	C	35	0	Department
TITLE	C	35	0	Contact Title
SECR	C	20	0	Secretary
PHONE1	C	25	0	Phone 1
PHONE2	C	25	0	Phone 2
PHONE3	C	25	0	Phone 3
FAX	C	25	0	FAX
EXT1	C	6	0	Phone Extension 1
EXT2	C	6	0	Phone Extension 2
EXT3	C	6	0	FAX Extension
EXT4	C	6	0	Phone Extension 3
ADDRESS1	C	40	0	Address 1
ADDRESS2	C	40	0	Address 2
CITY	C	30	0	City
STATE	C	20	0	State / County
ZIP	C	10	0	Zip Code / Post Code
COUNTRY	C	20	0	Country
DEAR	C	20	0	Dear Salutation
SOURCE	C	20	0	Source (Lead)
KEY1	C	20	0	Key 1
KEY2	C	20	0	Key 2
KEY3	C	20	0	Key 3
KEY4	C	20	0	Key 4
KEY5	C	20	0	Key 5
STATUS	C	3	0	U for US Phone, I for International + Record Curtaining 0 – 2.
NOTES	M	10	0	Notes
CREATEBY	C	8	0	Created By
OWNER	C	8	0	Record Owner (Secure Owner)
LASTUSER	C	8	0	Last Modified By
LASTDATE	D	8	0	Last Modified Date
LASTTIME	C	5	0	Last Modified Time
VISIBLTETO	C	8		Not implemented
RECID	C	15		Used for synchronisation

It is worth noting that if a record owner has been set and the record curtaining set to none, the record becomes read only to all other GoldMine users. The "owner" may update the main contact and user defined information, etc., however, other GoldMine users may not. The other GoldMine users will be able to schedule and complete activities against the record.

Filename: CONTACT2.DBF

NAME	TYPE	LENGTH	DESCRIPTION
ACCOUNTNO	C	20	Account Number
CALLBACKON	D	8	Call Back Date
CALLBACKAT	C	8	Call Back Time
CALLBKREQ	N	3	Unused
LASTCONTON	D	8	Last Contact Date
LASTCONTAT	C	8	Last Contact Time
LASTATMPON	D	8	Last Attempt Date
LASTATMPAT	C	8	Last Attempt Time
MEETDATEON	D	8	Meeting Date
MEETTIMEAT	C	8	Meeting Time
MERGECDSES	C	20	Mail Merge Codes for mail shots.
COMMENTS	C	65	Comments
PREVRESULT	C	65	Previous Results
NEXTACTION	C	65	Next Action
ACTIONON	D	8	Next Action Date
CLOSEDATE	D	8	Expected Close Date
USERDEF01	C	10	User Defined 1
USERDEF02	C	10	User Defined 2
USERDEF03	C	10	User Defined 3
USERDEF04	C	10	User Defined 4
USERDEF05	C	10	User Defined 5
USERDEF06	C	10	User Defined 6
USERDEF07	C	10	User Defined 7
USERDEF08	C	10	User Defined 8
USERDEF09	C	10	User Defined 9
USERDEF10	C	10	User Defined 10
U.....	Additional User Defined Fields
VISIBLTETO	C	8	Not implemented
RECID	C	15	Used for synchronisation

We recommend that you do not use USERDEF01 to USERDEF10 as these are used as system fields, for GoldBox, etc.

User defined fields will be added to the end of this file, therefore a large number of UDF's will not significantly reduce your search speeds. User defined fields containing dates are automatically assigned a date pop-up box and allow UK date entry. It is advisable that this table does not exceed 250 fields or 4k.

GoldMine supports telephone style (bracketed) numbers in the user defined fields, the field must be named UPHONE and proceed the rest of the user defined field name e.g. UPHONE1.

Filename: CONTGRPS.DBF

Name	Type	Len	Dec	Description
USERID	C	15	0	If member then Group Number otherwise user name
CODE	C	8	0	Groups code for sorting
ACCOUNTNO	C	20	0	If member then the contacts ACCOUNTNO otherwise this contains the Group details of number and total number of members
REF	C	24	0	Member reference or Group name
VISIBLETO	C	8	0	Not Implemented
RECID	C	15	0	Used for Synchronisation

The first record in the database contains only a CODE. The number in the CODE field indicates the next Group number.

If the USER contains *M this will indicate a group member.

Filename: CONTGRPS.DBF Members Record

Name	Type	Len	Dec	Description
USERID	C	15	0	Group number in the format of *M 1 Where the group number will take a maximum of 8 characters
CODE	C	8	0	Groups code for sorting
ACCOUNTNO	C	20	0	ACCOUNTNO of member
REF	C	24	0	Member reference
VISIBLETO	C	8	0	Not Implemented
RECID	C	15	0	Used for Synchronisation

Member records can be readily identified by the *M in the USER field

Filename: CONTGRPS.DBF Group Record

Name	Type	Len	Dec	Description
USERID	C	15	0	User name
CODE	C	8	0	Groups code for sorting
ACCOUNTNO	C	20	0	Group details of number and total number of members. 1-8 Group Number 15-20 Total Members
REF	C	24	0	Member reference or Group name
VISIBLETO	C	8	0	Not Implemented
RECID	C	15	0	Used for Synchronisation. All group members are linked to the group header's RecID. Change ensures that created groups on disparate systems would sync properly, without a possibility that 2 systems create the same group number.

Filename: CONTHIST.DBF

NAME	TYPE	LENGTH	DEC.	DESCRIPTION
USERID	C	8	0	User
ACCOUNTNO	C	20	0	Account No.
SRECTYPE	C	1	0	Grouped Record Type e.g. All Calls are Grouped
RECTYPE	C	10	0	Record Type
ONDATE	D	8	0	Date
ONTIME	C	5	0	Time
ACTVCODE	C	3	0	Activity Code
RESULTCODE	C	3	0	Result Code
STATUS	C	2	0	
DURATION	C	8		Duration
UNITS	C	8		
REF	C	65	0	Reference
NOTES	M	10	0	Notes
LINKRECID	C	15		Link to another Record
LOPRECID	C	15		Link to OpMgr
CREATEBY	C	8	0	Created By User
CREATEON	D	8	0	Creation Date
CREATEAT	C	5	0	Creation Time
LASTUSER	C	8	0	Last Modified By
LASTDATE	D	8	0	Last Modified Date
LASTTIME	C	5	0	Last Modified Time
VISIBLTETO	C	8		Not implemented
RECID	C	15		Used for synchronisation

SRECTYPE: A Appointment T Next Action
C Calls M Messages (E-Mail)
E Event O Other
D To-Do L Letter

RECTYPE: A Appointment T Next Action
D To-do S Sales Forecast
O Other L Letter
M E-mail message CC Call Back
CM Returned Message CI Incoming Call
CO Outgoing Call MG Goldmine E-mail message
MI Incoming Internet E-mail MO Outgoing Internet E-Mail
E Event

In the third column: U Unsuccessful

In the fourth column: R RSVP
P Private
B Both Private and RSVP

Filename: CONTSUPP.DBF

NAME	TYPE	LENGTH	DEC.	DESCRIPTION
ACCOUNTNO	C	20	0	Account No.
RECTYPE	C	1	0	Record Type
CONTACT	C	30	0	Contact/Profile
TITLE	C	35	0	Contact Title
CONTSUPREF	C	35	0	Reference
DEAR	C	20		Dear
PHONE	C	20	0	Phone
EXT	C	6	0	Phone Extention
FAX	C	20		FAX
LINKACCT	C	20	0	Linked Account
NOTES	M	10	0	Notes – max 64,000 characters per record
ADDRESS1	C	40	0	Address1
ADDRESS2	C	40	0	Address2
CITY	C	30	0	City
STATE	C	20	0	State
ZIP	C	10	0	Zip Code
COUNTRY	C	20	0	Country
MERGECODES	C	20		Mail Merge Codes
STATUS	C	4		
LINKEDDOC	V	512		Linked Document
LASTUSER	C	8	0	Last Modified By
LASTDATE	D	8	0	Last Modified Date
LASTTIME	C	5	0	Last Modified Time
VISIBLETO	C	8		Not Implemented
RECID	C	15		For Synchronisation

RECTYPE:	C	Additional Contact	P	Profile
	R	Referral	L	Linked document
	T	Transaction Numbers	E	Automated Processes
	H	Details for Profile Tabs	O	Organisational Structure

Note : No field should be expanded

The serial number stored for "this system only" databases is stored in the ContSupp table, in a record where the AccountNo is "90CF-SYSTEM-REC".

Filename: CONTSUPP.DBF Referrals

Name	Type	Len	Description
ACCOUNTNO	C	20	Reference to CONTACT 1
RECTYPE	C	1	R
CONTACT	C	30	To: or Of: Company Name
CONTSUPREF	C	35	Description of link
TITLE	C	20	Referrals link to related record
NOTES	M	10	
CITY	C	26	USER (8 chr) YYYYMMDDHH:MMam (creation details)
LASTUSER	C	8	Last user to alter record
LASTDATE	D	8	Date of last alteration
LASTTIME	C	6	Time of last alteration

Filename: CONTSUPP.DBF Additional Contacts

Name	Type	Len	Description
ACCOUNTNO	C	20	Reference to CONTACT 1
RECTYPE	C	1	C
CONTACT	C	30	The contact's name
TITLE	C	20	The contact's job title
CONTSUPREF	C	35	A reference for the contact
PHONE	C	16	The contact's telephone number
EXT	C	6	The contact's telephone number extension
LINKACCT	C	20	Additional Contact's primary record accountno link
NOTES	M	10	Notes specific to the additional contact
ADDRESS1	C	40	The address of the additional contact
ADDRESS2	C	40	
CITY	C	26	
STATE	C	20	
ZIP	C	10	
COUNTRY	C	20	
MERGECODES	C	20	Mail Merge Codes
DEAR	C	20	Dear Salutation
LASTUSER	C	8	Last user to alter record
LASTDATE	D	8	Date of last alteration
LASTTIME	C	6	Time of last alteration

Filename: CONTSUPP.DBF Organisation

Name	Type	Len	Description
ACCOUNTNO	C	20	AccountNo of link record. If entry is not a link then use the account number of the record that the tree is under. Reference to CONTACT 1
RECTYPE	C	1	O
CONTACT	C	30	Main Record's Accountno
CONTSUPREF	C	35	Stores parent-child relationships. Relationship is stored in segments of 5 characters each. Organisational and Section Number. Character field but segments are displayed using numbers (padding with zeros). They also pertain to the sorting of the entries in the Org Tree.
EXT	C	6	1 = Organisation 3 = Section 6 = Link
ADDRESS1	C	40	Title of the Org, Section or Link. For every (5 character) child/parent Segment add 2 spaces before the text.
CITY	C	26	USER (8 chr) YYYYMMDDHH:MMam (creation details)
LASTUSER	C	8	Last user to alter record
LASTDATE	D	8	Date of last alteration
LASTTIME	C	6	Time of last alteration

Filename: CONTSUPP.DBF Profile Fields & Tab

Name	Type	Len	Description
ACCOUNTNO	C	20	Reference to the profile identifier - Hx?????????
RECTYPE	C	1	H
CONTACT	C	30	Creation Date & Time YYYYMMDDHH:MMam
CONTSUPREF	C	35	Profile Name (20 Char) +Profile Tab Name (15 Char)
NOTES	M	10	Description of Label to Fields, e.g. Sample = Field1, Test = Field2,...
LASTUSER	C	8	Last user to alter record
LASTDATE	D	8	Date of last alteration
LASTTIME	C	6	Time of last alteration

Filename: CONTSUPP.DBF Profiles

Name	Type	Len	Description
ACCOUNTNO	C	20	Reference to CONTACT 1
RECTYPE	C	1	P
CONTACT	C	30	Profile Type
CONTSUPREF	C	35	Profile Reference
TITLE	C	20	FIELD1
EXT	C	6	FIELD5
LINKACCT	C	20	FIELD2
NOTES	M	10	
ADDRESS1	C	40	FIELD7
ADDRESS2	C	40	FIELD8
CITY	C	26	USER (8 chr) YYYYMMDDHH:MMam (creation details)
STATE	C	20	FIELD6
ZIP	C	10	FIELD4
COUNTRY	C	20	FIELD3
LASTUSER	C	8	Last user to alter record
LASTDATE	D	8	Date of last alteration
LASTTIME	C	6	Time of last alteration

Filename: DATADICT.DBF

Name	Type	Len	Description
DBFNAME	C	8	Database name - CAL, CONTACT1, etc
FIELD_NAME	C	10	Actual field name in DBF - Company, Contact, State
FIELD_TYPE	C	1	Character, Date, Memo or Numeric
FIELD_LEN	N	9	Length
FIELD_DEC	N	9	Decimal Places if applicable
FIELD_FLAG	C	3	
FIELDDESC	C	25	Description as it appears in Filters and Import/Exports.
VISIBLETO	C	8	Not Implemented
RECID	C	15	Used For Synchronisation

This is used as a data dictionary for all the databases. The DATADICT located in the GoldMine database directory contains a list of all the in the database.

Filename: FIELDS.DBF

Name	Type	Len	Description
RECTYPE	C	1	Record Type
VIEWID	C	15	View's unique reference. Views begin with 0, i.e. the primary half of the screen has an ID of 000001, any fields which are located in the given view begin with a 1, but otherwise match, e.g. company has an ID of 100001
FLDPOS	C	3	Tab order
FCOL	C	3	Column co-ordinates
FROW	C	3	Row co-ordinates
LABEL	C	20	Global label description
LABELSIZE	N	3	Label box size
EDITSIZE	N	3	Edit box size. If a View and has a Tab then 1
USERID	C	8	Indicates of field types : 01 for no lookup, 11 for lookup entry, 12 for dates
NTXNO	N	2	If an index field, then the related index number, otherwise 0.
FTYPE	N	3	0 = A Field 1 = Phone Number 128 = Accountno 132 = Expression
FLDNAME	C	10	The actual field name. If a View, then the Tab name.
EXPR	M	10	Expression
FTYPE	N	3	0 = A Field 1 = Phone Number 128 = Accountno 132 = Expression
FLDNAME	C	10	The actual field name. If a View, then the Tab name.
EXPR	M	10	Expression
VISIBLETO	C	8	Not Implemented
RECID	C	15	Used for Synchronisation

RECTYPE's = A System Record
 C A view description
 F A field or expression in a view

Filename: INFOMINE.DBF

Name	Type	Len	Description
ACCOUNTNO	C	20	Linked Contact Record
CREATEBY	C	8	Creation User
RECTYPE	C	10	Record Type
SORTKEY	C	20	Sort Key for What's New
TSECTION	C	100	Section Names
TOPIC	C	80	Topic
KEYWORDS	C	80	Key Words
OPTIONS	C	10	
OPTIONS1	C	20	
OPTIONS2	C	20	
LINKEDDOC	V	512	Associated external document
NOTES	M	10	Notes – max of 64,000 entries
USERREAD	C	8	Group or User ID that can read this area
USERWRITE	C	8	Group or User ID that can write to this area
LASTUSER	C	8	Last Updated by User
LASTDATE	D	8	Last Updated Date
LASTTIME	C	5	Last Updated Time
VISIBLETO	C	8	Not Implemented
RECID	C	15	Used for Synchronisation

RECTYPE: P Private
 I All

Filename: LOOKUP.DBF

Name	Type	Len
FIELDNAME	C	10
STATUS	C	1
LOOKUPSUPP	C	10
ENTRY	C	30
VISIBLETO	C	8
RECIRD	C	15

STATUS : H Title of lookup table
 V Entry in lookup table

Postcode and Zip items have the code in the FieldName and begin with |

This table also contains the user lists for activities and groups. The lookup database can be held either in the GoldMine directory or per database. If the lookup table is required to be local per database then copy LOOKUP.* into the GoldMine database directory. DO NOT delete the lookup.* from the GoldMine directory.

NOTE: If you copy the lookup to the local databases, Goldmine will not propagate all the lookup tables with all lookup information, including users and group information. A utility called GM4F2.EXE is available to consolidate the lookup users. Localised lookup tables are not synchronised at this point in time.

Filename: MAILBOX.DBF

Name	Type	Len	Description
LINKRECID	C	15	
FLAGS	C	8	
USERID	C	8	GoldMine User
FOLDER	C	20	Standard Folders e.g. Sent, Filed, Trash
FOLDER2	C	20	User Defined or Dated Folders
ACCOUNTNO	C	20	Associated contact record
CREATEON	D	8	Creation Date
MAILSIZE	C	8	Size of E-Mail
MAILDATE	D	8	E-Mail Date
MAILTIME	C	8	E-Mail Time
MAILREF	C	100	E-mail subject
RFC822	M	10	E-mail contents
VISIBLETO	C	8	Not Implemented
RECIRD	C	15	Used for Synchronisation

Recommend using Client/Server if you're going to be a heavy mailbox user.

Filename: OPMGR.DBF

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity or Project
RECTYPE	C	3	The type of record for the Opportunity or Project
ACCOUNTNO	C	20	The originating contact's unique ID in the CONTACT1 database
USERID	C	8	User scheduled against
FLAGS	C	10	
COMPANY	C	40	Varies depending on the record type. Company name or subject.
CONTACT	C	40	Contact name or GoldMine username for Team members
NAME	C	50	Varies depending on the record type.
STATUS	C	50	Status or Role
CYCLE	C	50	Varies depending on the record type.
STAGE	C	30	Stage or Priority
SOURCE	C	30	Source, Colour or Rating
F1	C	20	
F2	C	20	
F3	C	10	
STARTDATE	D	8	Start of Opportunity/Project or scheduled date
CLOSEDDATE	D	8	Close Date or Actual Date
CLOSEBY	D	8	Closure Date or End Date
FORAMT	N	10	Forecast amount for an Opportunity
FORPROB	N	3	Forecast Probability for an Opportunity
CLOSEAMT	N	10	Close Amount or % done
NOTES	M	10	Notes
VISIBLETO	C	8	
RECID	C	15	

RECTYPE= O: Opportunity OC: Opportunity Influencer
 OK: Opportunity Task OT: Opportunity Team Member
 OP: Opportunity Competitor OI: Opportunity Issue
 OX: Opportunity Template

 P: Project PC: Project Contact
 PK: Project Task PT: Project Team
 PI: Project Issue PX: Project Template

Filename: OPMGR.DBF Opportunities

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	O : Opportunity
ACCOUNTNO	C	20	GM Account No
USERID	C	8	User scheduled against
COMPANY	C	40	Company name
NAME	C	50	Opportunity Name
STATUS	C	50	Status
CYCLE	C	50	Code
STAGE	C	30	Stage
SOURCE	C	30	Source
STARTDATE	D	8	Start of Opportunity/Project
CLOSEDDATE	D	8	Close Date
CLOSEBY	D	8	Close By
FORAMT	N	10	Forecast amount
FORPROB	N	3	Forecast Probability
CLOSEAMT	N	10	Close Amount
RECID	C	15	

Filename: OPMGR.DBF Opportunity Influencer

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	OC : Influencer
ACCOUNTNO	C	20	Influencers GM Account Number
COMPANY	C	40	Company name
CONTACT	C	40	Contact name
NAME	C	50	Response Mode
STATUS	C	50	Role
CYCLE	C	50	Contact Title
RECID	C	15	

Filename: OPMGR.DBF Opportunity Task

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	OK : Task
USERID	C	8	Scheduled for
COMPANY	C	40	Reference.
STATUS	C	50	Status
STAGE	C	30	Priority
SOURCE	C	30	Colour
STARTDATE	D	8	Start of Opportunity/Project
CLOSEBY	D	8	End Date
CLOSEAMT	N	10	% done
RECID	C	15	

Filename: OPMGR.DBF Opportunity Team

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	OT : Team
COMPANY	C	40	Department
CONTACT	C	40	Contact name or GoldMine username for Team members
NAME	C	50	Title
STATUS	C	50	Role
RECID	C	15	

Filename: OPMGR.DBF Opportunity Competitor

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	OP : Competitor
ACCOUNTNO	C	20	The originating contact's unique ID in the CONTACT1 database if linked
COMPANY	C	40	Competitor Company
CONTACT	C	40	Contact name
NAME	C	50	Product.
STATUS	C	50	Strengths
CYCLE	C	50	Weaknesses.
STAGE	C	30	Status
SOURCE	C	30	Rating
RECID	C	15	

Filename: OPMGR.DBF Opportunity Issue

Name	Type	Len	Description
OPID	C	15	Unique ID for the Opportunity
RECTYPE	C	3	OI : Issue
USERID	C	8	User scheduled for
COMPANY	C	40	Issue Description.
STATUS	C	50	Status
STAGE	C	30	Priority
STARTDATE	D	8	Start of Opportunity/Project or scheduled date
RECID	C	15	

Filename: OPMGR.DBF Opportunity Template

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	OX : Opportunity Template
ACCOUNTNO	C	20	GM Account No
USERID	C	8	User scheduled against
COMPANY	C	40	Company name.
NAME	C	50	Opportunity Template Name
STAGE	C	30	(Templates)
SOURCE	C	30	Source
STARTDATE	D	8	Start of Opportunity/Project
CLOSEDDATE	D	8	Close Date
CLOSEBY	D	8	Close By
RECID	C	15	

Filename: OPMGR.DBF Project

Name	Type	Len	Description
OPID	C	15	Unique ID for Project
RECTYPE	C	3	P : Project
ACCOUNTNO	C	20	GM Account No
USERID	C	8	User scheduled against
COMPANY	C	40	Company name
NAME	C	50	Project Name.
STATUS	C	50	Status
CYCLE	C	50	Code.
STAGE	C	30	Stage
SOURCE	C	30	Source
STARTDATE	D	8	Start of Opportunity/Project
CLOSEDDATE	D	8	Actual Date
CLOSEBY	D	8	End Date
RECID	C	15	

Filename: OPMGR.DBF Project Contact

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	PC : Contact
ACCOUNTNO	C	20	The originating contact's unique ID in the CONTACT1 database if linked
COMPANY	C	40	Company name.
CONTACT	C	40	Contact name.
STATUS	C	50	Role
CYCLE	C	50	Title.
RECID	C	15	

Filename: OPMGR.DBF Project Task

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	PK : Task
USERID	C	8	User scheduled for
COMPANY	C	40	Reference
STATUS	C	50	Status
STAGE	C	30	Priority
SOURCE	C	30	Colour
STARTDATE	D	8	Start of Opportunity/Project
CLOSEBY	D	8	End Date
CLOSEAMT	N	10	% done
RECID	C	15	

Filename: OPMGR.DBF Project Team

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	PT : Team
COMPANY	C	40	Department
CONTACT	C	40	GoldMine username for Team members
NAME	C	50	Title
STATUS	C	50	Role
RECID	C	15	

Filename: OPMGR.DBF Project Issue

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	PI : Issue
USERID	C	8	User scheduled for
COMPANY	C	10	Issue Description
STATUS	C	50	Status
STAGE	C	30	Priority
STARTDATE	D	8	Start of Opportunity/Project
RECID	C	15	

Filename: OPMGR.DBF Project Template

Name	Type	Len	Description
OPID	C	15	Unique ID for the Project
RECTYPE	C	3	OX : Opportunity Template
ACCOUNTNO	C	20	GM Account No
USERID	C	8	User scheduled against
COMPANY	C	40	Company name.
NAME	C	50	Opportunity Template Name
STAGE	C	30	(Templates)
SOURCE	C	30	Source
STARTDATE	D	8	Start of Opportunity/Project
CLOSEDDATE	D	8	Close Date
CLOSEBY	D	8	Close By
RECID	C	15	

Filename: PERPHONE.DBF

Name	Type	Len
RECTYPE	C	1
USERID	C	8
STATUS	C	2
CONTACT	C	30
PHONE1	C	16

RECTYPE: I International Phone Format
U US Phone Format

File Functions

The GoldMine databases are catogarised as the following:

SysDir : GoldMine Directory
GoldDir : GoldMine\GMBase Directory
CommonDir : GoldMine\Common Database Directory

Database:	Location:	Function:
CAL	GoldDir	Contains all pending activities.
CONTACT1	CommonDir	Holds primary view information, inc. Key fields. Also contains the internal status field (status) and last updated fields
CONTACT2	CommonDir	Contains user-defined information and the summary screen
CONTGRPS	CommonDir	Contains group information by user
CONTHIST	CommonDir	The history of the Contact/Opportunity record
CONTTLOG	CommonDir	Transaction log for synchronisation
CONTSUPP	CommonDir	Additional information dependant upon the rectype field
CONTUDEF	CommonDir	A list of the user defined fields used within the database
DATADICT	SysDir	GoldMine's data dictionary
ERRORLOG	GoldDir	Log of any errors that have occurred
FLAGS	SysDir	Used as a marker for the number of users logged into the system, no. of records in database is the number of users allowed
FIELDS	GoldDir	Contains the field locations and label/field sizes
FILTERS	GoldDir	Contains the filters for record selection
FORMS	GoldDir	The form documents, spreadsheets, and others. These are any options available under the Merge forms function
FORMSFLD	GoldDir	Used by GoldMine to handle mail merges
GMTLOG	GoldDir	GoldMine root files transaction log
INFOMINE	GoldDir	Information Centre
IMPEXP	GoldDir	Contains the breakdown of import & export profiles
LICENSE	SysDir	GoldMine license file
LOOKUP	GoldDir & CommonDir	Holds the pop-up table information. Can exist in the GoldMine database directory for local pop-ups
OPMGR	GoldDir	Opportunity Manager
OPMGRFLD	GoldDir	Opportunity Details
PERPHONE	GoldDir	Contains the personal rolodex information
REPORTS	GoldDir	Location & settings of the reports for Crystal
REPORT32	GoldDir	Report location and settings for GoldMine Reports
RESITEMS	GoldDir	Contains the resources available for scheduling
SCRIPTSW	GoldDir	Contains the telemarketing scripts
SPFILES	GoldDir	The location of your databases
SYNCLOCK	GoldDir	Synchronisation access file
SYNCLOG	GoldDir	Synchronisation log file
SYNCPROC	GoldDir	Processes performed by GoldSync
SYNCSITES	GoldDir	Sites available for GoldSync
SYNCTASKS	GoldDir	Tasks for GoldSync
TRACKS	GoldDir	Definitions of Automated Processes
USERS	SysDir	Contains user information, in relation to access rights, passwords, and groups
USERLOG	GoldDir	Enables the forced log and statistics for users

*.DBF	Database & GoldMine	All files with DBF extensions are database files.
*.DBT	Database & GoldMine	All files with DBT extensions are database notes files.
*.MDX	Database & GoldMine	All files with MDX extensions are index files.
*.INI	GoldMine	Information files, see INI settings,

GoldMine Expression Commands

Over two years ago, when we chose BDE as GoldMine's future database engine, a huge problem prevented us from getting started. BDE does not offer a dBASE parser to evaluate dBASE expressions. But GoldMine's existing data has dBASE expressions in it, in tables like FIELDS, FILTERS, EXPORT and others.

Guy volunteered to take on the arduous task of writing a full-blown fully optimised dBASE parser. Skepticism disappeared a few months later when his parser plugged right in without a hitch. Since then, we have been optimising the new GoldMine 4.0 dBASE parser, and we have some good news for you.

Actually it's not limited to 64K. It's completely dynamic! Memo fields can be used to the full length.

A GoldMine 4.0 dBASE expression is no longer limited to 256 bytes. It is now limited to 64K. The expression is no longer limited to 32 components or levels, it can be as complex as you wish. All CodeBase expression functions are supported.

Filter expressions are now limited to 64K as well. Filter expressions function equally well on dBASE or SQL tables. On SQL, the dBASE filter is evaluated on the client side, not the server side. Filters that access only CONTACT1 fields have been optimised to run up to 5 times faster on GoldMine 4.0 as compared to GoldMine 3.2.

The GoldMine 4.0 dBASE parser also offers some welcomed new functions, including AT, RAT, PADR, WDATE and a few others. There is also support for a RANDOM and SEQUENCE expressions.

A dBASE expression tester is can now be invoked with **Ctrl-Shift-D**.

Following is a summary of the dBase expressions:

Substr(Field, Start position, number of characters)

Used to reference a specific part of a string or field, e.g. std code of phone number.

Trim(Field)

Returns the field or string without any trailing spaces.

Upper(Field)

Returns the field or string in upper case.

Lower(Field)

Returns the field or string in lower case.

Date()

Returns today's date.

DtoC(String)

Converts a date to a string in the originating format.

DtoS(String)

Converts a Date to string in the format of YYYYMMDD.

StoD(String)

Converts a string in format of YYYYMMDD to the given Date format.

Str(Number, D, L)

Converts a number to a string. D is for decimal places and L for length of field optional parameters.

Val(String)

Converts a string to a number.

Int(Number)

Converts a real number to an integer.

Time()

Returns the time HH:MM:SS

HTTPSTR()

Converts a given string to a HTTP clean by encoding the safe characters. Not E-mail related. Works wherever xbase expressions are used.

MID()

Default third parameter that defaults to the string end.

{SGM-WEBIMPORT\$}

As a WebImport mark if it appears in the To: line.

IIF(Condition, True, False)

Conditional statement, can only be used in the fields tab.

Left(Field, X)

Takes X number of characters from the left of a field e.g. Left('Richard',4) would return 'Rich'.

Day(Date Field)

Returns the day of the given date. You will need to use this with STR() to display the result. 1 to 31

Month(Date Field)

Returns the month of the given date. You will need to use this with STR() to display the result. 1 to 12

Year(Date Field)

Returns the year of the given date. You will need to use this with STR() to display the result.

LEN(<string>)

Returns the length of a string

LENGTH(<string>)

Same as LEN()

PADR(<string>, <length>, <fill>)

Returns <string> padded to <length> with the <fill> character. <fill> is optional and defaults to space.

AT(<string1>,<string2>)

Returns the first position of <string1> in <string2>.

RAT(<string>,string)

Returns the last position of <string1> in <string2>.

WDATE(<date>, <format>)

Returns the <date> formatted in variety of ways, based on the optional parameter <format>.

<format>

0	mmm dd, yy	Jan 22, 97
1	ddd, mmm dd, yy	Thu, Jan 22, 97
2	mmm dd	Jan 22
3	Long date style	Thursday, Jan 22, 1997

The Long date style format 3 is taken from the Windows Regional Settings.

Examples:

WDATE(DATE(), 3) => Thursday, Jan 22, 1997

WDATE(Cal->OnDate) => May 3, 96

RANDOM(<range>)

Returns a random number. <range> can be any number between 1 and 32,761. The returned random number will range between zero and <range>, not including the range limit. For example, RANDOM(10) returns a number between 0 and 9. The <range> parameter defaults to 32,761 if not specified. Random numbers up to 2 billion can be achieved using the expression random(32761) * random(32761).

SEQUENCE(<start>, <inc>)

Returns a sequence of consecutive numbers each time the expression is evaluated. When the expression is first evaluated, the <start> parameter initialises the counter. Each subsequent evaluation of the function increments the counter by the <inc> value.

SEQUENCE can be called anywhere an expression can be entered. For example, Global Replace can be used to number filtered contact records. The SEQUENCE(1,1) expression in a Field View shows a real-time indication of how many times the Record window was updated. The sequence count is local to each operation. In a global replace, the count is initialised on the first record and killed on the last. On the Record window (as a field) the count is initialised when the window is created, incremented for every paint, for the life of the window.

COUNTER(<name>, <inc>, <start>, <action>)

Returns a sequence of consecutive numbers each time the expression is evaluated. The counter <name> must be unique and up to 10 character long. Each evaluation of the function increments the counter by the <inc> value. The <start> and <action> parameters are optional. When <action> is 1, the <start> value is used to reset the counter. The counter is deleted when <action> is 2.

GoldMine can track an unlimited number of counters, each with a unique name. The counter values are stored in the LOOKUP table. Counters can be used anywhere dBASE expressions are allowed, including F2 lookups. The following F2 entries can be placed in the Incoming Call Reference F2 to number each type of call.

```
~"T"+str(counter("ITech",1))
~"S"+str(counter("ISale",1))
```

PAD(<string>,<required length>,<pad character>,<mode>)

Pad the given string to the given length with the given characters from the mode side.

mode: 0 - RIGHT, 1 - CENTER, 2 - LEFT

ALLTRIM(<string>)

Trim all spaces to the left and right.

LTRIM(<string>)

Trim spaces on the left side.

RTRIM(<string>)

Trim spaces on the right side.

TRIM(<string>)

Trim all spaces to the left and right.

ASC(<character>)

Returns the ASCII value of <character>

CHR(<value>)

Returns the ASCII character represented by <value>

UPPER(<string>)

Convert to upper case

LOWER(<string>)

Convert to lower case

PROPER(<string>)

Convert to proper case

STRTRAN(<source>,<replace>,<replace with>)

Will replace all occurrences of <replace> in <source> with <replace with>

Example: *STRTRAN("This is A Test","This is A","Passed the")*
 will return: Passed the Test

NOTE: Any expressions returning numerical values will need to be converted into a string value using the **STR(field)** command.

DOY(<date>)

Returns the day of the year of the date. Jan,1 = 0

DOW(<date>)

Returns the day of the week of the date. Sun = 0

DOBINDAYS(<date>)

Returns the number of days from today to the given birthday. Numbers are always positive, so if the birthday already passed, we'll get a full year.

LTRIMPAD(<string>,<number>,[<character>])

Just like PADL but with <string> ltrimmed before padding.

Operators.**Mathematical**

+	add	-	sub	/	divide	*	multiple	**	
Exponential									

Comparisons

== Exactly equal	<> greater or less than
< less than	> greater than
>= greater than or equal to	<= less than or equal to
! not	# not equal to
\$ contains	

% The modulus operator ($100 \% 3 = 1$)

= works just like before - more like a begins with. "partial" = "part" returns true.

== works like a real equality check. "partial" = "part" returns false, "partial" = "partial" returns true.

Connectors

and. both conditions are true

.or. one of the conditions is true

.not. applies false to condition result (open parenthesis) close parenthesis

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