B

This appendix contains most of the known DDE macro functions that GoldMine Premium will let you employ. This appendix will also try to define when and where these macros may be employed if there are special cases. I have included all of the macros of which I was aware of at the time of this writing.

Some of the areas that will be able to employ these macros are, your **Word** document templates, and your **E-mail** templates whether done in GoldMine or in an HTML editor. You may also use macros in **Filters**, **Groups**, **Automated Processes**, and when you are doing a **Global Replace**. There are a group of macros that will only be usable by application designers.

I can't count how many times I have been asked if there is a way to modify these macros, and my answer is always a resounding, No. GoldMine macros may not be modified by the end user in any way.

Appendix B

Macros

Syntax: **&Address**

Abstract: The **address** macro was designed to incorporate the 3 primary address fields into a label format while removing any blank lines.

Prerequisite: Contact1.Address1 = 150 Pratt Road   150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 = Upper Deck   UpperDeck

Example: **&Address**   **&Address**

Returned: **150 Pratt Road**   **150 Pratt Road**
Suite A   **Upper Deck**
Upper Deck

Syntax: **&Address1**

Abstract: The **address1** macro was designed to pull only the information contained in the Contact1.Address1 field. In most cases, one could simply have used Contact1.Address1 instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Address1 = 150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 = Upper Deck

Example: **&Address1**

Returned: **150 Pratt Road**

Syntax: **&Address2**

Abstract: The **address2** macro was designed to pull only the information contained in the Contact1.Address2 field. In most cases, one could simply have used Contact1.Address2 instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Address1 = 150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 = Upper Deck

Example: **&Address2**

Returned: **Suite A**

Syntax: **&Address3**

Abstract: The **address3** macro was designed to pull only the information contained in the Contact1.Address3 field. In most cases, one could simply have used Contact1.Address3 instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Address1 = 150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 = Upper Deck

Example: **&Address3**

Returned: **Upper Deck**

Syntax: **&BrowseRecNo** (Programmers Macro)

Abstract: The **browse rec**ord **n**(**o**)umber macro was designed to send the programmer the record number of the last selected record in the current browse window. If, for example, the Pending tab were active when this macro was executed, the last selected record number on that Pending tab would be returned. Against SQL tables one should expect that the RecID would be returned as there are not record numbers in SQL tables.

Example: **ddeRequest(nChannel, [&BrowseRecNo])**

Returned: **3648** or **987YCSD(FE]VR#Y**

Syntax: **&CalRefresh** (Programmers Macro)

Abstract: The calendar refresh macro was designed to allow the programmer to programmatically refresh the calendar after it had be modified or append to using other dde macros.

Example: **ddeRequest(nChannel, [&CalFresh])**

Returned: **n/a**

Syntax: **&City**

Abstract: The **city** macro was designed to extract the Contact1.City field from the currently active record in the GoldMine session. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.City = Fitchburg

Example: **&City**

Returned: **Fitchburg**

Syntax: **&CityStateZip**

Abstract: The **city**, **state**, and **zip** macro was designed to pull together, in a label format, the fields Contact1.City, Contact1.State, and Contact1.Zip

Prerequisite: Contact1.City = Fitchburg
Contact1.State = MA
Contact1.Zip = 01420-4142

Example: **&CityStateZip**

Returned: **Fitchburg, MA 01420-4142**

Syntax: **&CommonDir** (Programmers Macro)

Abstract: The common directory macro is a programmers macro, designed to pull the contact set path from the currently active GoldMine.

Example: **ddeRequest(nChannel, [&CommonDir])**

Returned: **SQLGoldMine:**

Syntax: **&Company**

Abstract: The **company** macro was designed to pull only the information contained in the Contact1.Company field. In most cases, one could simply have used Contact1.Company instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Company = Computerese Inc

Example: **&Company**

Returned: **Computerese Inc**

Syntax: **&Contact**

Abstract: The **contact** macro was designed to pull only the information contained in the Contact1.Contact field. In most cases, one could simply have used Contact1.Contact instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Contact = DJ Hunt

Example: **&Contact**

Returned: **DJ Hunt**

Syntax: **&Country**

Abstract: The **country** macro was designed to pull only the information contained in the Contact1.Country field. In most cases, one could simply have used Contact1.Country instead of the macro. This macro does trim off any trailing spaces in the field.

Prerequisite: Contact1.Country = USA

Example: **&Country**

Returned: **USA**

Syntax: **&DefaultRecordType**

Abstract: The **default record type** macro returns the default Record Type name, if one is employed. If none is employed, (default) is returned.

Example: **&DefaultRecordType**

Returned: **Customer**

Syntax: **&Dial1** (Programmers Macro)

Abstract: The **dial** phone**1** macro is a programmers macro designed to pull the Contact1.Phone1 field from the currently active GoldMine record. The returned phone number is formatted for dialing, based upon your current TAPI settings. If it is being used, any PreDial.ini settings are applied to the output.

Prerequisite: Contact1.Phone1 = (978)342-3333

Example: **ddeRequest(nChannel, [&Dial1])**

Returned: **T 1 978 3423333**

Syntax:	**&Dial2** (Programmers Macro)
Abstract:	The **dial** phone**2** macro is a programmers macro designed to pull the Contact1. Phone2 field from the currently active GoldMine record. The returned phone number is formatted for dialing, based upon your current TAPI settings. If it is being used, any PreDial.ini settings are applied to the output.
Prerequisite:	Contact1.Phone2 = (978)342-3333
Example:	**ddeRequest(nChannel, [&Dial2])**
Returned:	**T 1 978 3423333**

Syntax:	**&Dial3** (Programmers Macro)
Abstract:	The **dial** phone**3** macro is a programmers macro designed to pull the Contact1. Phone3 field from the currently active GoldMine record. The returned phone number is formatted for dialing, based upon your current TAPI settings. If it is being used, any PreDial.ini settings are applied to the output.
Prerequisite:	Contact1.Phone3 = (978)342-3333
Example:	**ddeRequest(nChannel, [&Dial3])**
Returned:	**T 1 978 3423333**

Syntax:	**&DialFax** (Programmers Macro)
Abstract:	The **dial fax** macro is a programmers macro designed to pull the Contact1.Fax field from the currently active GoldMine record. The returned phone number is formatted for dialing, based upon your current TAPI settings. If it is being used, any PreDial.ini settings are applied to the output.
Prerequisite:	Contact1.Fax = (978)342-8867
Example:	**ddeRequest(nChannel, [&DialFax])**
Returned:	**T 1 978 3428867**

Syntax:	**&EmailAddress**	
Abstract:	The **email address** macro was developed so that users could pull the Primary Contacts E-mail Address when doing e-mail merges, document merges and in other areas. This macro can also be employed to create a Filter to find those that do or do not contain E-mail Addresses.	
Example:	**&EmailAddress**	**.not. empty(&EmailAddress)**
Returned:	**DJH@DJ-Hunt.com**	**.T.** if there is a Primary E-mail Address

Syntax:	**&Fax**	
Abstract:	The fax macro is a macro designed to pull the Contact1.Fax field from the currently active GoldMine record. The fax number will be formatted. If the user has a need for the fax number as it is presented in GoldMine, then they must use the field directly instead of employing the macro.	
Prerequisite:	Contact1.Fax = (978)342-8867	
Example:	**&Fax**	**Contact1->Fax**
Returned:	**1-978-342-8867**	**(978)342-8867**

Syntax:	**&Filter** (Programmers Macro)
Abstract:	The **filter** macro was designed to pull the currently active Filter from the current GoldMine session.
Example:	**&Filter**
Returned:	**trim(contact2->upw) > ' '**

Syntax:	**&FirstName**
Abstract:	The **first name** macro was developed to extract the first word from the Contact1. Contact field of the active record in the currently active GoldMine session.
Prerequisite:	Contact1.Contact = Donald J. Hunt
Example:	**&FirstName**
Returned:	**Donald**

Syntax:	**&FullAddress**
Abstract:	The **full address** macro was designed to allow the user to place a formatted address field in merge documents, e-mail merge templates, or reports.
Prerequisite:	Contact1.Address1 = 150 Pratt Road Contact1.Address2 = Suite A Contact1.Address3 = Contact1.City = Fitchburg Contact1.State = MA Contact1.Zip = 01420 Contact1.Country = USA
Example:	**&FullAddress**
Returned:	**150 Pratt Road** **Suite A** **Fitchburg, MA 01420** **USA**

Syntax:	**&GetRoTabID** (Programmers Macro)
Abstract:	The **get ro**w **tab id** macro was developed to find the currently active tab exposed on the currently active contact record in GoldMine. The tab numbers are 0 based and continue on up from there. The numbering sequence is based on the default legacy tab order.
Example:	**&ddeRequest(nChannel, [&GetRoTabID])**
Returned:	**5** indicating the Details tab

Syntax:	**&GoldDir** (Programmers Macro)
Abstract:	The **Gold**Mine **dir**ectory macro, is a programmers macro, designed to pull the path to the GoldMine legacy Base tables.
Example:	**ddeRequest(nChannel, [&GoldDir])**
Returned:	**SQLGoldMine:**

Syntax: &LastFirstName

Abstract: The **last first name** macro was developed to strip the last word and first word from the Contact1.Contact field, transpose the two, inserting a comma and space in between the two.

Prerequisite: Contact1.Contact = DJ Hunt

Example: &LastFirstName

Returned: **Hunt, DJ**

Syntax: &LastName

Abstract: The **last name** macro was designed to pull only the information contained in the Contact1.LastName field. In most cases, one could simply have used Contact1.Last-Name instead of the macro. This is not a macro that will strip the last word from the Contact1.Contact field. This macro does strip any trailing spaces from the value in the Contact1.LastName field.

Prerequisite: Contact1.LastName = Hunt

Example: &LastName

Returned: **Hunt**

Syntax: &LicInfoLicTo (Programmers Macro)

Abstract: Returns the Organization to whom this GoldMine is registered.

Example: ddeRequest(nChannel, [&LicInfoLicTo])

Returned: **Computerese**

Syntax: &LicInfo_Contact (Programmers Macro)

Abstract: Returns the name of the Contact to whom this GoldMine is registered.

Example: ddeRequest(nChannel, [&LicInfo_Contact])

Returned: **DJ Hunt**

Syntax: &LicInfo_LicEmail (Programmers Macro)

Abstract: Returns the email address as registered in GoldMine.

Example: ddeRequest(nChannel, [&LicInfo_LicEmail])

Returned: **DJ@DJHunt.US**

Syntax: &LicInfo_Phone (Programmers Macro)

Abstract: Returns the GoldMine registered phone number.

Example: ddeRequest(nChannel, [&LicInfo_Phone])

Returned: (978)342-3333

Syntax: **&LicInfo_Fax** (Programmers Macro)

Abstract: Returns the GoldMine registered fax number.

Example: **ddeRequest(nChannel, [&LicInfo_Fax])**

Returned: **(978)342-4567**

Syntax: **&LicInfo_Address1** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the Address1 field.

Example: **ddeRequest(nChannel, [&LicInfo_Address1])**

Returned: **150 Pratt Road**

Syntax: **&LicInfo_Address2** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the Address2 field.

Example: **ddeRequest(nChannel, [&LicInfo_Address2])**

Returned: **Suite A**

Syntax: **&LicInfo_City** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the City field.

Example: **ddeRequest(nChannel, [&LicInfo_City])**

Returned: **Fitchburg**

Syntax: **&LicInfo_State** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the State field.

Example: **ddeRequest(nChannel, [&LicInfo_State])**

Returned: **MA**

Syntax: **&LicInfo_Zip** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the Zip field.

Example: **ddeRequest(nChannel, [&LicInfo_Zip])**

Returned: **01420-4142**

Syntax: **&LicInfo_Country** (Programmers Macro)

Abstract: Returns the GoldMine registered information for the Country field.

Example: **ddeRequest(nChannel, [&LicInfo_Country])**

Returned: **USA**

Syntax: **&LicUsers** (Programmers Macro)

Abstract: The **lic**ensed **users** macro is a programmers macro designed to pull the number of concurrent licensed users from the GoldMine Serial Number.

Example: **ddeRequest(nChannel, [&LicUsers])**

Returned: **25**

Syntax: **&LicUsersAvailable** (Programmers Macro)

Abstract: The **lic**ensed **users available** macro returns the number of users allowed to log in to the active GoldMine session.

Example: **ddeRequest(nChannel, [&LicUsersAvailable])**

Returned: **10**

Syntax: **&NameAddress**

Abstract: The **name** and **address** macro was designed to pull together, in label format, all of the information contained in the Contact, Company, Address1, Address2, Address3, City, State, Zip and Country fields of GoldMine. Any blank fields will be removed from the format automatically.

Prerequisite: Contact1.Company = Computerese
Contact1.Contact = DJ Hunt
Contact1.Address1 = 150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 =
Contact1.City = Fitchburg
Contact1.State = MA
Contact1.Zip = 01420
Contact1.Country = USA

Example: **&NameAddress**

Returned: **DJ Hunt**
Computerese
150 Pratt Road
Suite A
Fitchburg, MA 01420
USA

Syntax: &NameTitleAddress

Abstract: The **name**, **title**, and **address** macro was designed to pull together, in label format, all of the information contained in the Contact, Title, Company, Address1, Address2, Address3, City, State, Zip and Country fields of GoldMine. Any blank fields will be removed from the format automatically.

Prerequisite: Contact1.Company = Computerese
Contact1.Contact = DJ Hunt
Contact1.Title = GoldMine Guru
Contact1.Address1 = 150 Pratt Road
Contact1.Address2 = Suite A
Contact1.Address3 =
Contact1.City = Fitchburg
Contact1.State = MA
Contact1.Zip = 01420-4142
Contact1.Country = USA

Example: &NameTitleAddress

Returned: **DJ Hunt**
GoldMine Guru
Computerese
150 Pratt Road
Suite A
Fitchburg, MA 01420-4142
USA

Syntax: &NewRecID (Programmers Macro)

Abstract: The **new re**cord **ID** macro was designed to return a new record id which could be used by programmers when they need to create a LOPRecID.

Example: ddeRequest(nChannel, [&NewRecID])

Returned: **5OL0TG0?0F_%(\%**

Syntax: &Notes

Abstract: The **notes** macro was designed to return a portion of the main contact notes, which are found under the Notes tab. Depending on where this macro is employed, the size of the Notes returned may vary.

Example: &Notes

Returned: ***** DJ   *** 5/3/2010 12:55 pm**
  Removing and reinstalling iTunes, QuickTime, and other software compo-
  nents for Windows Vista or Windows 7

  *** DJ   *** 10/4/2010 9:29 am
  Apple iPad Extended Care

  Thru: August 8, 2012

Syntax: **&Phone**

Abstract: The **phone** macro was developed to pull the Contact1.Phone1 field information from GoldMine. This macro supports Additional Contacts when used in merge forms or e-mail templates. If the Additional Contacts, ContSupp.Phone field is blank, the macro will pull in the Contact1.Phone1 field from the Primary Contact.

Prerequisite: Contact1.Phone1 = (978)342-3333   ContSupp.Phone = ""

Example: **&Phone**   **&Phone**

Returned: **(978)342-3333**   **(978)342-3333**

Syntax: **&Profile/&Profiles**

Abstract: The **profile** or **profiles** macro was developed to pull one Detail type from the active Contact record. It could pull a single Detail, or multiple Details of the same type. The term Profiles is a legacy hold over name for this information.

&Profile.DetailName.Reference.Flag
Retrieves the first Detail matching the DetailName and its Reference

&Profiles.DetailName.Reference.Flag
Retrieves all Details matching the DetailName and their References

The Flag can be either 2 or 4
2 Retrieves the DetailName and the Reference
4 Retrieves the DetailName, Reference, and all the extended fields

Example: **&Profile.Invoice..2**

Returned: **Invoice   1st Detail**

Example: **&Profiles.Invoice..4**

Returned: **Invoice 1st Detail   Field1 Field2**
                Invoice   2nd Detail Field1 Field2 Field3 Field4

Syntax: **&RecordType**

Abstract: The **record type** macro was developed to return the record type name or the current contact record as opposed to the &DefaultRecordTyp macro discussed earilier in this chapter.

Example: **&RecordType**

Returned: **Customer**

Syntax: **&SerialNo** (Programmers Macro)

Abstract: The **serial n**(**o**)**umber** macro was developed to extract the GoldMine serial number from the currently active GoldMine session.

Example: **ddeRequest(nChannel,4 [&SerialNo])**

Returned: **E-000690-519245-VAJQX-TJPC0-HS28M**

Syntax: **&SetRoTab#** (Programmers Macro)

Abstract: The **set row tab #**, where # = row tab id, macro was developed to allow the program-mer to actively switch between tabs in the currently active GoldMine record.

Example: **ddeRequest(nChannel, [&SetRoTab5])**

Returned: **5** ID of currently set tab

Syntax: **&ShutDown** (Programmers Macro)

Abstract: The **shut down** macro was developed to close the currently active GoldMine session on the system on which this macro is run.

Example: **ddeRequest(nChannel, [&ShutDown])**

Returned: None **GoldMine closes**

Syntax: **&State**

Abstract: The **state** macro was designed to pull only the information contained in the Contact1. State field. In most cases, one could simply have used Contact1.State instead of the macro. This macro does trim off any trailing spaces at the end of the value in the State field.

Prerequisite: Contact1.State = MA

Example: **&State**

Returned: **MA**

Syntax: **&SysDir** (Programmers Macro)

Abstract: The **sys**tem **dir**ectory macro was designed to allow the programmer to pull the folder that contains the GoldMine exe's and dll's.

Example: **ddeRequest(nChannel, [&SysDir])**

Returned: **Y:\GoldMine**

Syntax: **&SysInfo** (Programmers Macro)

Abstract: The **sys**tem **info**rmation macro was designed to allow the programmer to pull all of the current GoldMine sessions system information.

Example: **ddeRequest(nChannel, [&SysInfo])**

Returned: **Product = GoldMine Premium Edition**
License = E-000890-516764-PKT55-PJ686-1RQ6L
Versions = GoldMine 9.0.2.36, Windows NT 6.01.7601 Service Pack 1
GoldMine EXE = c:\program files (x86)\goldmine\gmw.exe
TEMP Directory = c:\users\admini~1\appdata\local\temp
System Files = \\192.168.1.125\apps\goldmine
GoldMine Files = SQLGoldMine: [ANSI]
Contact Files = SQLGoldMine: [ANSI]
Free Disk Space = C: 429,957 MB
Memory (RAM) = 8320 MB
Open Cursors = 53
Logged User = DJ   [Master!] [SQL Login: sa]
CAL = [New RecID]
Contact1 = [New RecID]
Tx32 version = 801

Syntax: &Title

Abstract: The **title** macro was designed to pull only the information contained in the Contact1. Title field. In most cases, one could simply have used Contact1.Title instead of the macro, however, this macro trims off any trailing spaces in the value contained in the Title field.

Prerequisite: Contact1.Title = Owner

Example: &Title

Returned: Owner

Syntax: &UserFullName

Abstract: The **user full name** macro was designed to extract the users full name, as identified in the Users' Settings... User's Full Name field within GoldMine. A programmer might just pull this information out of the Users.Name field. This is a useful macro for document templates and e-mail templates.

Prerequisite: Users.Name = Donald J. Hunt

Example: &UserFullName

Returned: Donald J. Hunt

Syntax: &UserName (Programmers Macro)

Abstract: The **user name** macro was developed to pull the logged in userID from the currently active session of GoldMine.

Example: ddeRequest(nChannel, [&UserName])

Returned: DJ

Syntax: &User_Var.<Variable Name>.<UserID>

Abstract: The **user var**iable macro was developed to pull various user defined variables from the username.ini, however, over the years, it has been modified to extract information for other networked GoldMine users. Four of these variables are defined through the Preferences GUI. The users may add as many additional variables as they need.

Prerequisite: Title = Owner   Email = DJ@DJHunt.US

Example: &User_Var.Title   &User_Var.Email

Returned: Owner   DJ@DJHunt.US

Prerequisite: Title for Bubba = Bubba Guy   Email for Bubba = Bubba@DJ-Hunt.com

Example: &User_Var.Title.Bubba   &User_Var.Email.Bubba

Returned: Bubba Guy   Bubba@DJHunt.US

Syntax: &Version (Programmers Macro)

Abstract: The **version** macro was developed to pull the active GoldMine sessions version number.

Example: ddeRequest(nChannel, [&Version])

Returned: 9.0.2.36

Syntax: &WebSite

Abstract: The **web site** macro was designed to extract the current contract records Primary WebSite from the ContSupp table.

Example: &WebSite

Returned: http://www.DJHunt.US

Syntax: &Zip

Abstract: The **zip** macro was designed to pull only the information contained in the Contact1.Zip field. In most cases, one could simply have used Contact1.Zip instead of the macro, however, this macro trims off excess trailing spaces from the value in the Zip field.

Prerequisite: Contact1.Zip = 01420-4142

Example: &Zip

Returned: 01420-4142