GDADS Front-Office config file FO_Properties.txt (D19)

Top

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#
#
#             GDADS - Geoscience Data Archive and Distribution System
#
#
#
# GDADS provides a comprehensive geophysical data management solution. It is
designed to provide#
# two main functions:
#
#
#
#   - systematic data archiving and retrieval
#
#   - allow customers to visualise and order (subsets of) data
#
#
#
# Whilst the archive and retrieval capabilities of GDADS can be applied to any
type of data, the#
# real power of GDADS is achieved with Intrepid geophysical datasets. It
provides simple but    #
# still powerful visualisation of gridded geophysical data through a simple,
easy-to-use GUI    #
# interface. Furthermore a user can easily generate maps from those data, or
'order' subsets of #
# data.
#
#
#
# GDADS typically has two 'personalities':
#
#
#
#    - Back-Office  - 'administrator' - assist the data custodian in data
management and archive.#
#    - Front-Office - data 'provider' - facilitate (public) access to the data
store, and allows #
#                                customers to view, and order data.
#
#
# These two 'personalities' generally require that GDADS is configured in two
different ways    #
# which are optimised to the two different functions. The Front-Office interface
is focussed on #
# providing simple, easy-to-use data finding, visualisation and purchasing of
data. The Back    #
# Office has additional tools to assist the data custodian in managing the data
archive.        #
```

```
#
#
# Configuration of GDADS is achieved through this 'Properties.txt' file, and
GDADS is typically #
# implemented with two alternative versions of this file.
#
#
#
#  "FO_Properties.txt" - this file, configured for Front-Office
#
#
#
#  "Properties.txt"   - alternative file, optimised for the Back-Office
#
#
#
# GDADS uses an environment variable to define the configuration file that is
used. This        #
# environment variable (INTREPID_GDADS) must be set to define the full path and
name of the     #
# configuration file, for example,
#
#
#
#  INTREPID_GDADS=G:\gdads\admin\FO_Properties.txt
#
#
#
# GDADS uses this environment variable to locate the configuration file, then
reads the file to #
# determine all remaining configuration requirements. The notes within this file
explain the    #
# configuration options. See also the alternative "Properties.txt" file.
#
#
#
# GDADS is a comprehensive data management software SYSTEM, and uses various
components, which  #
# together, create the SYSTEM. The configuration file defines the relationships
between those   #
# components. The components of GDADS are:
#
#
#
#   GDADS    - the executable
#
#   Database - a meta-data database, which contains brief details about each of
the surveys,    #
#            contains survey outlines, and also records the archive details for
the surveys.   #
#   Data     - survey data, stored within 'survey' directories in GDADS online
data storage area#
#             (and also archived onto tape or CDROM copies of those survey
directories).        #
```

```
#
#
# The configuration file tells GDADS:
#
#
#
#   - where the ONLINE data storage directory is
#
#   - where other necessary auxiliary files are located
#
#    - where the database is
#
#    - various details about that database:
#
#      - how to access the database to read/write
#
#      - the names of important tables in the database
#
#     - the names of various fields within those database tables
#
#    - various 'commercial' details:
#
#      - what products are for sale
#
#      - at what prices
#
#
#
# Comments - a '#' at START of a line signifies a 'comment' - all text on that
line is ignored. #
# Blank Lines are ignored.
#
#
#
#
#
# GDADS uses Intrepid software for all of its data processing tasks, such as the
visualisation  #
# of data, 'scissoring' of data subsets purchased by customers, and exporting
line data from    #
# Intrepid binary databases to ASCII.
#
#
#
#
#
#
# GDADS and Intrepid are copyright software products from Intrepid Geophysics
#
#
#
```

```
# Contact INTREPID GEOPHYSICS
#
#       Unit 2, 1 Male Street
#
#       BRIGHTON, Vic, 3186
#
#       AUSTRALIA
#
#       Tel   +61 (0)3 9593-1077
#
#       Fax   +61 (0)3 9592-4142
#
#       email  info@dfa.com.au
#
#      web   www.dfa.com.au   or  www.intrepid_geophysics.com
#
#
#
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#
#
# INSTALLATION
#
#
#
# This section specifies several 'installation' components required by GDADS.
For example, the  #
# directories which GDADS uses must be specified.
#
#
#
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#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#     #
#
```

```
#     # PATHS to required Directories:
#
#     #
#
#      # The main PATH used by GDADS is derived from the environment variable
INTREPID_GDADS,   #
#      # which defines the full path to this configuration file
'Properties.txt'.               #
#     #
#
#   #  for example, INTREPID_GDADS=G:\gdads\admin\Properties.txt
#
#     #
#
#      # All other paths are defined RELATIVE TO THIS PATH.  Thus, those
additional directories #
#      # that GDADS uses must all be on the same disk drive, and are typically
defined by       #
#    # relative paths such as '..\Directory_X'
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#
# Directories used by GDADS:
# .imageDir    - directory containing image files for use as icons, etc. in
GDADS interface.
# .archivePath - directory containing GDADS 'ONLINE' data store.
# .CDCutPath   - directory into which data to be cut to CDROM are placed.
# .exportPath  - directory where GDADS writes job files for map-making and data
scissoring.
# .welcome     - the (location and) name of the 'welcome' screen for the purchase
wizard
#
# .archiveBaseName - Typically set this to blank
#     .archiveBaseName has a DEFAULT value of 'GDADS'. To have a completely
blank base-name,
#     then set GDADS.properties.archiveBaseName=<<<with NOTHING here, not even
blanks.
#     How is 'base-name' used ????  Assume 'base-name' is the default 'GDADS'.
#Then:
#     If SurveyName in database is 'Qwerty',
#     Then GDADS will expect directory 'GDADS_Qwerty' to exist in the 'ONLINE'
data store.
#
# Note. Use '/' in following, NOT '\'
  GDADS.properties.imageDir=../images
  GDADS.properties.archivePath=../ONLINE
  GDADS.properties.archiveBaseName=
  GDADS.properties.CDCutPath=./CD
  GDADS.properties.exportPath=../EXPORT
# Use 'relative' path if required. With NO path, the file must be in the 'admin'
directory
  GDADS.properties.welcome = welcome.html
```

```
#
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#     #
#
#    # Examples of some of the graphics images used by GDADS:
#
#     #
#
#    #  images\gdads.jpg           Splash Image
#
#    #  images\home.gif            Navigate home button
#
#    #  images\info.gif            Info button
#
#    #  images\ftp.gif             FTP button
#
#    #  images\order.gif           Order button
#
#    #  images\letterhead.gif      Order Form Letterhead
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
# Computer used to deliver mail
  GDADS.properties.MailServerName = pop.dfa.com.au
# Email address of the GDADS Administrator
  GDADS.properties.gdadsAdministrator = ray@dfa.com.au
# FTP settings - not currently used in the 2001 installation
# GDADS.properties.FTP.defaultUser = gdads_training
# GDADS.properties.FTP.defaultServer = gdads.dfa.com.au
# Note. Use '/' in following, NOT '\'
# GDADS.properties.FTP.archiveDir  = PROC/DB/surveys
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#
#
```

```
# DATABASE CONNECTION
#
#
#
# GDADS uses a database which contains brief details about survey datasets. This
database also  #
# contains the survey boundary outlines (polygon 'shapes') and records the
archiving details.   #
# Any database may be used - possibly an existing corporate database - but it
would need to be  #
# designed / modified to include the special tables, and special fields within
some of those    #
# tables, which are used by GDADS.  Intrepid Geophysics does supply suitable
databases, already #
# setup to meet GDADS functional requirements.
#
# This section describes the protocol which GDADS will use to read and write the
database.      #
# Several alternatives are listed here--choose one, and leave all of the
alternatives        #
# 'commented out'.
#
# A 'database driver' will need to be set up - see GDADS User Manual. The 'name'
of that        #
# database driver must be specified here.
#
#
#
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#
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```
#
# Database Name:
# .databaseName   - the (system) name of the database 'driver' (must match
exactly)
# .serverName     - network name of a server, used if accessing a database across
a network
#
  GDADS.properties.databaseName = NAMIBIA
# Data Dictionary File (Bypass data dictionary building)
# Note. Use '/' in following, NOT '\'
# GDADS.Properties.DataDictionary = E:/PROC/gdads/nt/admin/gdads.dd
# Database server name
# GDADS.properties.serverName = rascal.dfa.com.au
# Select the type of database driver, protocol name, and port.
# the choices are  -
# (1) ODBC
  GDADS.properties.DBType = ODBC
  GDADS.properties.protocolName = odbc
  #GDADS.properties.portNumber =
# (2)  RMIJDBC
# GDADS.properties.DBType = RMIJDBC
# GDADS.properties.protocolName =
# GDADS.properties.portNumber = 1234
# (3) ORACLE
# GDADS.properties.DBType = ORACLE
# GDADS.properties.protocolName = oracle:thin
# GDADS.properties.portNumber = 1521
# (4) DBMS_PGSQL
# GDADS.properties.DBType = DBMS_PGSQL
# GDADS.properties.protocolName = postgresql
# GDADS.properties.portNumber = 5432
# (5) THINWEB
# GDADS.properties.DBType = THINWEB
# GDADS.properties.protocolName = thinweb
# GDADS.properties.portNumber = 1212
# GDADS.properties.tunnel = rascal
# GDADS.properties.getColumns = true
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#
#
```

```
# DATABASE VIEW
#
#
#
# GDADS needs to know several things about the database that it will use. The
database holds all#
# of the meta-data, describing survey specifications, etc. The spatial
information for all      #
# Survey and Map 'objects' is also stored in the database as boundary polygons.
A consistent    #
# Datum and Projection must be used for these polygon files, and is specified
here.          #
# GDADS requires the names of particular tables in the database, and also the
names of certain  #
# fields within those tables.
#
#
#
# Datum and Projection:
#
# All stored polygon objects stored in the database must have a common Datum and
Projection.    #
# Typically the projection will be 'GEODETIC' ('unprojected' coordinates) such
that a       #
# country-wide map display can be rendered with simple lat/long coordinates.
#
#
#
# Note that the restriction to a common Datum and Projection:
#
#   - ONLY applies to the boundary polygons STORED IN THE DATABASE.
#
#    - DOES NOT apply to the data itself--those grid files and line datasets may
be stored   #
#      using other Datums and Projections (subject to the requirement noted
below).             #
#
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#     #
#
```

```
#     # EXPECTATION:
#
#     #
#
#     # There IS one requirement for the 'special' grids which are USED by GDADS
for data      #
#     # visualisation and map-making--those grids must be projected grid files,
such that#
#   # distances are expressed in a 'distance-unit' rather than 'degrees'
#
#      # Further, this 'distance-unit' must be CONSISTENT with the
surveyLineSpacing            #
#     # and with the Pricing
#
#      # (these should consistently be metres, and $/square-KILOMETRE and $/
line-KILOMETRE  #
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#
#
# One of GDADS main uses of the database to render a MapView of Survey and
related objects:#
#
#
#  Surveys - the MAIN survey data objects
#
#   Regions - an ALTERNATIVE layer of outline objects (Map Sheets--select one
from a list)   #
#  BaseMap - a country outline
#
#
#
# In addition, GDADS uses the database for Archive Management, for some aspects
of rendering    #
# the User Interface and controlling options and prices in the Data Purchasing
wizard. There are#
# also some special tables used by GDADS manage some of the 'special' fields in
the database    #
# tables, such as the special binary fields used to store polygon files, tape
archive        #
# contents, etc.
#
#
#
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```
# Datum and Projection:
  GDADS.properties.Datum = SCHWARZECK
  GDADS.properties.Projection = GEODETIC
# Surveys:
# .PrimaryTableName - the database table containing survey meta-data
# .order    - controls the order of GDADS display of meta-data, row-wise, from
the top-left
# .HideShapeOptionsDialog
#   = true  - disables the dialog screen used for specifying MapView displays
#   = false - (or not present)--then this dialog page is enabled
# .Outlines - refers to the table in which survey polygon outlines are stored.
# .attributes
#   = true  - enables GDADS to display the attributes table for a selected Survey
object
#   = false - disables display of the attributes
# .table    - the name of table containing the boundary outlines of the SURVEY
map objects
# .field    - the name of field which contain the outline-polygon
# .key      - the name of the key field in this table
  GDADS.Properties.PrimaryTableName = SURVEYINFO
  GDADS.properties.order.SURVEYINFO =
SURVEYNAME,GROUND_CLEARANCE,SURVEYTITLE,SAMPLING_INTERVAL,YEAR,LINE_SPACING,CON
TRA
CTOR,TIE_SPACING,CONFIDENTIAL,LINE_DIRECTION,MAGNETICS,TIE_DIRECTION,RADIOMETRI
CS,MAG_ SENSOR_TYPE,EM,FULL256,GRAVITY,DOMAIN

  GDADS.Properties.HideShapeOptionsDialog = true
  GDADS.properties.Outlines.attributes = true
  GDADS.properties.Outlines.table = OUTLINES
  GDADS.properties.Outlines.field = OUTLINE
  GDADS.properties.Outlines.key = SURVEYNAME
```

```
# Regions:
# .Regions - refers to the one or more layers of ALTERNATIVE map objects -
typically map sheets
# .table   - the names of table(s), containing map objects - typically map
sheets
# .field   - the name of fields in those tables which contain the map-polygon
# .key     - the name of the key fields in those tables
# .table.current - the name of the table which is loaded by default into MapView
# .attributes
#   = true  - enables GDADS to display the attributes table for a selected
Regions object
#   = false - disables display of the attributes
# .attributes.display - the field name displayed in the MapView status-bar (when
'selected')
  GDADS.properties.Regions.attributes = false
  GDADS.properties.Regions.attributes.display = id
  GDADS.properties.Regions.table.current = 250k
  GDADS.properties.Regions.table = 250k,100k_new,100k_odd,50k_new,50k_odd
  GDADS.properties.Regions.field = SHAPE,SHAPE,SHAPE,SHAPE,SHAPE
  GDADS.properties.Regions.key = id,id,id,id,id
```

```
# BaseMap:
# .BaseMap - refers to a base-map object - typically a country outline (and
limited topography ?)
# .table   - the names of table containing the base-map object
# .field   - the name of field which contains the base-map-polygon
  GDADS.Properties.BaseMap.table = COUNTRY
  GDADS.Properties.BaseMap.field = SHAPE
# Interface, Archive, Data Purchase, System requirements:
# Some of the data used in GDADS MapView is ALSO used in the GDADS GUI interface
# (for example, survey polygons are also used to 'list' survey objects in the
Archive Manager).
# Images (not currently implemented) are used in the context of enhancing the
GUI
# .Images - refers to graphics depicting, for example, the magnetics of a
survey. They
#           could be small 'thumb-print' image files, or full detailed images.
#   = true  - (or not present = default) 'Images' can be chosen for display in
MapView
#   = false - disallows chosing of 'Images' for MapView display
# .attributes
#  = true  - enables GDADS to display the attributes table for a selected Images
object
#   = false - disables display of the attributes
# .format is one of RGBA | RGBAZIPPED | URL
# .table   - the names of table containing Images objects
# .field   - the name of field which contain the Image object
# .key     - the name of the key field in this table
  GDADS.properties.Images = false
  GDADS.properties.Images.attributes = true
  GDADS.properties.Images.format = URL
  GDADS.properties.Images.table = IMAGES
  GDADS.properties.Images.field = IMAGE
  GDADS.properties.Images.key = SURVEYNAME
# System Requirements:
# Special SYSTEM Tables required by the GDADS System (Must have these!)
  GDADS.properties.FieldInfoTableName = GDADS_FIELDINFO
  GDADS.properties.TapeInfoTableName = GDADS_TAPEINFO
  GDADS.properties.OrderTableName = GDADS_ORDERINFO
# Other System, Interface and Purchasing Requirements:
# GDADS needs to know certain field names of the MAIN Survey Data table:
# .IconDisplayFieldName  -
# .confidentialFieldName - the field name defining the confidentiality status of
surveys
# .linespacingFieldName  - the field name containing survey line spacing (in
METRES)
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!#
#
#
```

```
# EXPECTATION:
#
#
#
# - that "confidentialFieldName" is expressed as 'OPEN FILE' ' CLOSED FILE'
#
#  - that "linespacingFieldName" is expressed in METRES !!!
#
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!#
  GDADS.Properties.IconDisplayFieldName = SURVEYNAME
  GDADS.properties.confidentialFieldName = confidential
  GDADS.properties.linespacingFieldName = line_spacing
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#
#
# LOOK AND FEEL BEHAVIOUR
#
#
#
# This section specifies several elements of how the GDADS interface should be
rendered onto the#
# screen. Some of these relate to earlier implementations of GDADS, and are
currently not       #
# implemented (August, 2001). Several are used to 'turn-off' options
#
#
#
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```

```
#
# Database Login, Username, Password:
#
# Note. This does NOT relate to the login to GDADS. It is related to accessing
the database.
# Some databases may require a Username/Password before giving access.
#
# .defaultUser     - a default Username to appear in the database login
# .defaultPassword - a default Password to appear in the database login
#                    If BOTH defaults are specified, the login dialog box is
bypassed
# .login
#   = true  - enable a login dialog box to access the database
#   = false - disables login dialog box
  GDADS.properties.defaultUser = none
  GDADS.properties.defaultPassword = none
  GDADS.properties.login = true
  GDADS.properties.open.auto = true
# Digital Confidentiality: (Not currently implemented - August, 2001)
  GDADS.properties.haveDigitalConfidentiality = true
# Note. Use '/' in following, NOT '\'
  GDADS.properties.agreement.fullPath = ./agreement.txt
# Default GDADS Client Window sizes (for the main Map View window, and the
Visualisation window)
  GDADS.properties.Client.X = 625
  GDADS.properties.Client.Y = 675
# Size of the GDADS 'drag-and-drop' panels displayed down the right side of
GDADS interface.
  GDADS.properties.Container.size = 90
# Turn off options in initial pane
  GDADS.properties.functions = false
  GDADS.properties.layers = true
  GDADS.properties.map.RHpopup.labels = Image View,Purchase Data,|,Properties
  GDADS.properties.map.RHpopup.actions = intrepid,buydata,|,info
  GDADS.properties.map.options.gis = false
  GDADS.properties.map.ftp = false
  GDADS.properties.map.order = false
  GDADS.properties.map.millionsheets = false
  GDADS.properties.map.connection = false
  GDADS.properties.map.toolbar.opendb = false
  GDADS.properties.map.toolbar.openfile = false
  GDADS.properties.map.toolbar.zoomextent = false
  GDADS.properties.map.toolbar.help = false
  GDADS.properties.map.toolbar.query = false
  GDADS.properties.map.statusbar.displayname = true
```

```
# Extents and Clip Limits:
# The idea about these Extents and Clip-limits is that one could have, say, an
'Australia-wide'
# database & data store--but, for some applications only ant to view a subset of
those data.
# The Extents could be set to the new 'View', and the 'Clip' limits set a liitle
wider to ensure
# that polygons defining datasets within, and just beyond the edges are
included, but those well
# beyond the View are not included.
#
# Extents:
# Define the limits of the default MapView display (initial display, and when
reset used)
  GDADS.properties.map.extents.longitude.min = 11
  GDADS.properties.map.extents.longitude.max = 26
  GDADS.properties.map.extents.latitude.min = -29
  GDADS.properties.map.extents.latitude.max = -16
# Clip Limits:
# Only include shapes that are inside the clip limits
  GDADS.properties.map.clip.longitude.min = 10
  GDADS.properties.map.clip.longitude.max = 27
  GDADS.properties.map.clip.latitude.min = -30
  GDADS.properties.map.clip.latitude.max = -15
  GDADS.properties.list = false
  GDADS.properties.dbadmin = false
  GDADS.properties.archive = false
  GDADS.properties.list.toolbar.openfile = false
  GDADS.properties.dbadmin.toolbar.openfile = false
  GDADS.properties.dbadmin.toolbar.savefile = false
  GDADS.properties.archive.toolbar.openfile = false
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#
#
# SHOP
#
#
#
# This section defines the products available for sale, various business rules,
and sale prices.#
# The details specified here define relationships between the database, the
directories & files #
# in the 'online' data store area on disk, and GDADS use of these components.
Thus, it is       #
# IMPORTANT that field names listed here EXACTLY MATCH those in the database,
that those fields #
# in the database are of the expected type, that expected directory structures
are setup in the #
# 'online' data store area, and that 'special' grid files are correctly named,
placed in the    #
# correct subdirectory locations, and are defined using an appropriate
Projection.             #
```

```
#
#
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#
#
#    IMPORTANT  IMPORTANT  IMPORTANT  IMPORTANT  IMPORTANT  IMPORTANT  IMPORTANT
IMPORTANT     #

#
#
#   GDADS is a 'SYSTEM'.  ALL of the elements that make up that system must be
#
#  correctly configured for the system to deliver proper functionality.
#
#
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#     #
#
#     # EXPECTATION about DIRECTORY STRUCTURE:
#
#     #
#
#      # .buydata.products are 'product-lines' FOR SALE - for example,
magnetics, radiometrics           #
#     #
#
#     #   - these MUST be fields in the database
#
#      #   - these MUST be Yes/No fields - 'magnetics'='yes' means magnetics data
are available #
#      #   - IF AVAILABLE for Survey_X, these MUST be directories beneath the
Survey_X directory#
#     #
#
#      # .buydata.flavours are 'data-flavours' of the above product-lines - for
example, grids, line data #
#     #
#
#      #   - IF AVAILABLE, these MUST be sub-directories of 'magnetics' or
'radiometrics', etc. #
#     #
#
#     # See sample directory layout below.
#
#     #
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
```

```
#
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#     #
#
#     # EXPECTATION about 'Special' GRIDS, GRID NAMES, and their LOCATION in the
directories:  #
#     #
#
#     # .buydata.products
#
#      # .buydata.addons.radiometrics.options =
default,potassium,uranium,thorium                #
#     #
#
#      #   Also define the names of a series of 'special' grids, used by GDADS
for data     #
#     #     visualisation and map-making.
#
#     #
#
#     # Typically there will be grids for each individual survey, and these must
be located    #
#    # in the 'grids' subdirectory--for example,
#
#     #
#
#     #   magnetics\grids\magnetics.ers
#
#     #   radiometrics\grids\potassium.ers
#
#     #   radiometrics\grids\uranium.ers
#
#     #   radiometrics\grids\thorium.ers
#
#     #   radiometrics\grids\totalcount.ers
#
#     #   em\grids\em.ers
#
#     #
#
#      # ADDITIONALLY there must be country-wide merged grids for each of these
map-products    #
#      # These country-wide grid files must be located in the top-level 'online'
directory      #
#     #
#
#    # See sample directory and 'special' files layout below.
#
#     #
#
#
```

```
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#
#
#
#!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!#
#     #
#
#      # EXPECTATION about Grid PROJECTIONS, 'Distance' measurements and Unit
Prices for data:  #
#     #
#
#      # All of these 'special' grids used in visualisation must be PROJECTED
grid files, such  #
#      # that coordinates and distances are expressed in some natural 'distance-
unit' rather    #
#     # than 'degrees' - typically metres.
#
#     #
#
#     # Furthermore there must be CONSISTENCY of units between:
#
#     #
#
#     #   - these 'special' visualisation' grids             - coordinate units
in METRES    #
#      #   - the survey line-spacing, recorded in the databases - expressed in
METRES          #
#     #   - the product prices:
#
#      #       .buydata.magnetics.Grids.price                  - in $/square-
KILOMETRE         #
#      #       .buydata.magnetics.LineData.price               - in $/line-
KILOMETRE           #
#     #
#
################################################################################
##################

#
#
```

```
# TYPICAL DIRECTORY and FILES STRUCTURE for the 'ONLINE' DATA STORE
#
#
#
# ONLINE
#
#  |  Special grid files - 'magnetics', 'potassium', 'uranium', 'thorium',
'totalcount'         #
#  |  These are the country-wide merged grid files used for visualisation and
map-making.       #
#  |  MUST be in Projected coordinates (metres).
#
#  |
#
#  |-Survey1
#
#  |   |
#
#  |   |-magnetics
#
#  |   |   |
#
#  |   |   |-grids
#
#  |   |   |   Special grid file 'magnetics' - the magnetics grid for this
survey, used for     #
#  |   |   |   visualisation and map-making. MUST be in Projected coordinates
(metres).          #
#  |  |  |  OTHER grid files - these are additional GRID FILES FOR SALE.
#
#  |   |   |
#
#  |   |   |-linedata
#
#  |  |  |  Intrepid line database for magnetics - LINE DATA FOR SALE.
#
#  |   |   |
#
#  |   |   \-OTHER sub-directories
#
#  |   |       May contain any sub-directories and files - BUT NOT AVAILABLE FOR
SALE.          #
#  |   |
#
#  |   |-radiometrics
#
#  |   |   |
#
#  |   |   |-grids
#
```

```
#  |   |   |   Special grid files 'potassium', 'uranium', 'thorium',
'totalcount'.              #
#  |   |   |   These are the radiometrics grids for this survey, used for
visualisation and     #
# |  |  |  map-making. MUST be in Projected coordinates (metres).
#
# |  |  |  OTHER grid files - these are additional GRID FILES FOR SALE.
#
#  |   |   |
#
#  |   |   |-linedata
#
# |  |  |  Intrepid line database for radiometrics - LINE DATA FOR SALE.
#
#  |   |   |
#
#  |   |   \-OTHER sub-directories
#
#  |   |       May contain any sub-directories and files - BUT NOT AVAILABLE FOR
SALE.          #
#  |   |
#
#  |   |-em
#
#  |   |   | As above:
#
#  |   |   |-grids
#
#  |   |   |-linedata
#
#  |   |   \-OTHER sub-directories
#
#  |   |
#
#  |   \-OTHER sub-directories
#
#  |       May contain any sub-directories and files - BUT NOT AVAILABLE FOR
SALE.              #
#  |
#
```

```
#  |
#
#  |-Survey2
#
#  |   |  As above:
#
#  |   |-magnetics
#
#  |   |-radiometrics
#
#  |   |-em
#
#  |   \-OTHER sub-directories
#
#  |
#
#  |-Survey3
#
#  |   |  As above:
#
#  |   |-magnetics
#
#  |   |-radiometrics
#
#  |   |-em
#
#  |   \-OTHER sub-directories
#
#  |
#
#  |-etc. etc.
#
#  |
#
#################################################################################
##################
```

```
#
# .buydata.fax              - Fax Number of the agency supplying data
# .buydata.showpriceguide -
#   = true  -
#   = false - do NOT show the 'price guide' page in the purchase wizard
# .buydata.products         - the names of 'products' available for sale. These
MUST be names of
#                            fields in the database, and be Yes/No fields. These
will also be
#                            names of directories beneath the 'survey' directory
name.
# .buydata.products.labels - Names corresponding to the above products, for use
in maps, etc.
# .buydata.flavours         - Further break-down of 'products' for sale. These
will also be names
#                              of sub-directories beneath the above 'products'
directories.
# .buydata.addons           - Further categories of products for sale, such as
Maps, GeoTiffs
# .magnetics.default        - The plot-type that will be produced for magnetics
maps
```

```
#
#  --plot-types
#  = SunAngleDrape - NE-sun-shaded intensity, draped on pseudo-colour histogram
equalised stretch
#  = Ternary       - conventional potassium-thorium-uranium R-G-B ternary image
plot
#  = PseudoColour   - conventional pseudo-colour plot, with histogram
equalisation
#  (the default plot-type is 'Pseudocolour'--so do not really need to actually
specify this)
#
# .radiometrics.options    - Further defines available types of data-products
for radiometrics
  GDADS.properties.buydata.currencyPrefix = N$
  GDADS.properties.buydata.fax = (01) 123-4567
  GDADS.properties.buydata.showpriceguide = false
  GDADS.properties.buydata.products = magnetics,radiometrics,em,gravity
  GDADS.properties.buydata.products.labels = Magnetics,Radiometrics,EM,Gravity
  GDADS.properties.buydata.flavours = Grids,LineData
  GDADS.properties.buydata.addons = Maps,GeoTiffs
  GDADS.properties.buydata.addons.magnetics.default = SunAngleDrape
  GDADS.properties.buydata.addons.radiometrics.options =
default,potassium,uranium,thorium,totalcount
  GDADS.properties.buydata.addons.radiometrics.default = Ternary
  GDADS.properties.buydata.addons.radiometrics.potassium = PseudoColour
  GDADS.properties.buydata.addons.radiometrics.uranium = PseudoColour
  GDADS.properties.buydata.addons.radiometrics.thorium = PseudoColour
  GDADS.properties.buydata.addons.radiometrics.totalcount = PseudoColour
  GDADS.properties.buydata.addons.em.default = PseudoColour
  GDADS.properties.buydata.addons.gravity.default = PseudoColour
# PRICES expressed in (Namibian Dollar/line-KILOMETRE) or (Namibian Dollar/
square-KILOMETRE)
  GDADS.properties.buydata.magnetics.LineData.price = 10
  GDADS.properties.buydata.radiometrics.LineData.price = 1
  GDADS.properties.buydata.em.LineData.price = 20
  GDADS.properties.buydata.gravity.LineData.price = 20
  GDADS.properties.buydata.magnetics.Grids.price = 2
  GDADS.properties.buydata.radiometrics.Grids.price = 15
  GDADS.properties.buydata.em.Grids.price = 25
  GDADS.properties.buydata.gravity.Grids.price = 20
# .buydata.Maps.products   - Range of available hard-copy map-scales
# .buydata.Maps.fittoscale - names of map templates for which a 'fit-to-page'
option is enabled
# .buydata.Maps.5000000.price, etc. - Hard-copy Map prices in Namibian Dollar /
Map Plot
```

```
# .buydata.GeoTiffs.price  - GeoTiff bit-map image file price in Namibian Dollar
/ Bit-Map File
  GDADS.properties.buydata.Maps.products =
5000000,2000000,1000000,250000,100000,50000,25000
  GDADS.properties.buydata.Maps.fittoscale = A4P,A4L,A3P,A3L
  GDADS.properties.buydata.Maps.5000000.price = 1000
  GDADS.properties.buydata.Maps.2000000.price = 1000
  GDADS.properties.buydata.Maps.1000000.price = 1000
  GDADS.properties.buydata.Maps.250000.price = 500
  GDADS.properties.buydata.Maps.100000.price = 300
  GDADS.properties.buydata.Maps.50000.price = 50
  GDADS.properties.buydata.Maps.25000.price = 50
  GDADS.properties.buydata.GeoTiffs.price = 50
##############################################################################
##################
#
#
# ADMINISTRATOR
#
#
#
# This section provides a variety of 'administrative' inputs which are used by
GDADS.           #
#
#
##############################################################################
##################

# Table Builder Properties:  GUIType1 to GIUIType7 define different datatypes
which may exist
# in the database, and can be presented with appropriate interface styles in the
GDADS interface.
  GDADS.properties.noOfGUITypes = 7
  GDADS.properties.GUIType1 = TextField
  GDADS.properties.GUIType2 = TextArea
  GDADS.properties.GUIType3 = Choice
  GDADS.properties.GUIType4 = Label
  GDADS.properties.GUIType5 = CheckBox
  GDADS.properties.GUIType6 = Image
  GDADS.properties.GUIType7 = ArcViewShape
# Arcview Integration
  GDADS.properties.ArcView.RPCServerName = wriggles
  GDADS.properties.ArcView.RPCProgramNo = 1073741825
# TAR Settings - there are differences between the tar implementations of
various platforms
# .TAR.tarType - Choose between POSIX , SUN or SGI
# .TAR.usesStdErr
#   = true     - the tar device writes its error message to the 'stderr' logical
unit
```

```
#   = false    -
# .TapeDeviceName
# .TAPEAction
#   = append   - NO NO NO !!!!!!!! NOT IMPLEMENTED
  GDADS.properties.TAR.tarType = POSIX
  GDADS.properties.TAR.usesStdErr = true
# Note. Use '/' in following, NOT '\'
  GDADS.properties.TapeDeviceName=/dev/mt
#  GDADS.properties.TAPEAction=append <<<<< ALL TAPE WRITING OVERWRITES
!!!!!!!!!!!!!!!!!!
# Fonts - Not implemented yet
  GDADS.properties.dialogFont.normal = Serif-plain-12
  GDADS.properties.dialogFont.bold   = Serif-bold-12
  GDADS.properties.dialogFont.large  = Serif-plain-14
# Windows Colours - Not implemented yet
  GDADS.properties.windows.background = 0xC8D7FA
  GDADS.properties.windows.foreground =
  GDADS.properties.dialogs.background =
  GDADS.properties.dialogs.foreground =
# Graphics Colours for Layers
  GDADS.properties.Regions.foreground = 0xC80000
  GDADS.properties.Outlines.foreground = 0x0000FF
  GDADS.properties.BaseMap.foreground = 0xC80000
#                                                                              #
# End of Properties File
#
#
#
################################################################################
##################
```