ISDC-GGP Database Instructions

November 12, 2013

The following information has been provided by Vivien Mende (vmende@gfz-potsdam.de).

1. Reminder of change of database (this is an old notice, 2011)

We are going to improve the interface of our GGP data base here at GFZ. In this context we would like to end up the simultaneous existence of two portals here at GFZ. Therefore we will close the old GGP portal at http://ggp.gfz-potsdam.de/ at **31.03.2013**. The software and the hardware of this old data base is out-of-date and cannot be reasonably maintained anymore.

After closing the old GGP portal, the input and output interfaces for the GGP data will be only accessible in our modern **I**nformation **S**ystem and **D**ata **C**enter (**ISDC**) at http://isdc.gfz-potsdam.de. All data products stored in the old data base are transferred into the modern ISDC.

The modern ISDC has the following advantages compared to the old GGP data base:
1) The modern ISDC distinguishes between producers (which upload data) and users (which download data)

2) In the old GGP data base all products have to be uploaded individually. In contrast the upload of the GGP data in the new modern ISDC can be done en-block via simple ftp (using the corresponding producer account and password). The metadata for the data base ("DIF-files") will be created on our side. The data producers do not need to do this.

3) Furthermore it's possible (and we suggest that) to have producer accounts for institutions. That means if you operate more than one instrument can upload their data of the different instruments by using one producer account. This should simplify the upload.

4) Then, the request of SG data for download by users must be done in the framework of our general ISDC, i.e. http://isdc.gfz-potsdam.de/ggp. The instruction to download data you can below.

5) The rules of the data policy will be kept unchanged in the modern ISDC. Effectively there is no longer a holding period for GGP data. *All GGP data uploaded to ISDC is immediately available for public access.*

2. Registration

To login you can in principle use your username of the old GGP website. But we strongly advise you to create a new account instead your old one. This registration for a new account includes archiving your email address in our data base and would give us the advantage to send you status messages about your request. This registration must be done

following the buttons "Register" in the upper middle or via the link "Sign Up!" in the upper left on http://isdc.gfz-potsdam.de resp. http://isdc.gfz-potsdam.de/ggp/.

However before placing your first product request you are required to complete your personal details here: MyAccount -> personal details.

3. Instructions for downloading GGP data

After login on http://isdc.gfz-potsdam.de you can start to retrieve data by using the link "Get Data" on http://isdc.gfz-potsdam.de/ggp .

If you are more familiar with the ISDC data base system you can directly enter the retrieval mask via the menu button "MyRetrieval" after the login.

Your requested data files are provided for ftp-download in the following subdirectory of this ftp site (please use an ftp client): ftp://data.gfz-potsdam.de/data

To login into this ftp-server you need the same username and password as used for the ISDC homepage.

Please note that the files in the "data" directory will be removed after 30 days.

Don't hesitate to contact us in case of queries: isdc-support@gfz-potsdam.de

4. Instructions for uploading data
To upload GGP data to ISDC, assuming you use an ftp Client.

FTP Adress: ftp://data.gfz-potsdam.de
Producerlogin: *login_name*
Password: *login_password*
Directory: list/incoming

Upload all the files to the directory ../list/incoming
You can later find all imported files in this directory (import is done internally at ISDC every day at 11.40 am and 11.40 pm UTC):
ftp://data.gfz-potsdam.de/list/incoming/done

5. Data ordering using PRL files
To order a larger amount of data you have the opportunity to use PRL Files without using any web-based retrieval mask. The attached PRL-File all_data.prl (see below) is an example for the station AP.

You have to put the PRL File in the FTP directory of the user *login_name* (not the producer account!!!) ftp://*login_name*@data.gfz-potsdam.de/request

Later you can find the requested data at: ftp://*login_name*@data.gfz-potsdam.de/data

Please not that in the data directory all files older than 30 days are deleted.

The sample file all_data.prl for station AP is as follows:

GGP-SG-CORMIN+ap*
GGP-SG-MIN+ap*
GGP-SG-HOUR+ap*
GGP-SG-AUX+ap*
GGP-SG-HOUR+ap*
GGP-SG-STATLOG+ap*

For more Information please see the README-file in the "request" directory, or the file ISDC_PRL_readme_2013.doc which is as follows:

Dear ISDC user,
This document contains a description of the PRL format (product request list) for the delivery service.

Please use in your scripts the FTP address data.gfz-potsdam.de or lore.gfz-potsdam.de (GFZ in-house). The FTP-URL for browsers is ftp://login@data.gfz-potsdam.de/
There are two subdirectories in your home directory: "data" and "request"

The extension of the PRL-file have to be .prl and will expected in the "request" subdirectory. The result or log file has the extension .log
The optional error-file has the extension .err

The following header parameters are supported.
deliver: none [none,all,dif,data or a specific extension]
compress: none [none,tar,tar.gz,tgz,zip]
listcolumns: none [none,all,size,date,time]
listextracolumns: (a list of product specific parameters)
listseparator: ; [;,tab,space] (default is semicolon)
listsave: no [no,yes]
listsaveas: (a filename like: mylisting.csv)
listheader: no [no,yes]
options: none [none,check syntax]
sendmail: none [none,all,errors,preferences]

Only the parameter "deliver: ..." is mandatory.
The parameter "options: check syntax" is usefull for your first PRLs.
The parameter "compress" could be ignored by the system on big files.
The format of the parameters "list*" is currently in beta and not stable.

At the end of the PRL-header there have to be an empty line, otherwise you get an error like this: "Unknown header parameter 'the ENTRY_ID' in line ... at file.prl"

The requested files can be written in the following formats:

PRODUCT-TYP+2004_07_13_06
PRODUCT-TYP+2004_07_13_12
PRODUCT-TYP+2004_07_13_18
PRODUCT-TYP+2004_07_13_24

or if you have wildcard-permissions
PRODUCT-TYP+2004_07_13_*
PRODUCT-TYP+(2004-07-01...2004-07-14)
PRODUCT-TYP+(2004-07-01,2004-07-02)

The requested data and those listings with user defined filename (listsaveas:) arrive in the "data" subdirectory. All other request information files will be stored in the subdirectory "request".

Good luck, ISDC Admin

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