

ver.B.Release Report

GLOBALBASE PROJECT

Edition 2008-01-08

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Chapter 1

Overview

1.1 Abstract and Goal

This document reports bugs and new functions and turnings of earch release of ver.B.

1.2 Human Requirements

Nothing

1.3 System Requirements

Earch system of GLOBALBASE

Chapter 2

ver.B.b16.11 Release Notes

2.1 Turning:ver.B.b16.11 http-gateway t2007-08-17-00 New design of HTTP-GATEWAY user interface

■ Status

Process Stage:Requested>>Accepted>>InProgress>>Impremented

Interested Area of Imprementation:

- **Agent:** http-gateway
- **OS** all
- **Impremented Version:** ver.B.b16.11

■ Request(Date:2007-08-17)

This release supports many styles of HTTP-GATEWAY user interface design. More details are in the document 「LOCALBASE セットアップマニュアル [1]」 (Japanese).

■ Answer

Black, Red, Green and Blue are supported. More details are in the document 「LOCALBASE セットアップマニュアル」 [1] の「HTTP-GATEWAY の表示スタイル」 (Jpanese)

2.2 Bug:ver.B.b16.11 HTTP-GATEWAY 2007-07-23-02 A RDF file on a virtual host can not be refered

■ Status

First Report:bugs / Agent HTTP-GATEWAY / Version ver.B.b16.10 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** HTTP-GATEWAY
- **OS**
- **The Version the Report will be (was) solved** ver.B.b16.11

■ First Report (Date: 2007-07-23)

The Download Button in the HTTP-GATEWAY page is not indicated.

■ Answer

This problem occurs at the condition that RDF reference URL in the file "serer_conf.pl" on the HTTP-GATEWAY server is pointing to a virtual host server RDF content.

■ Workaround

Please update to ver.B.b16.11

2.3 Bug:ver.B.b16.11 landscape script 2007-08-25-00 import-images/Cann use matrix format

■ Status

First Report:bugs / Agent landscape script / Version ver.B.b16.10 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent landscape script
- OS
- The Version the Report will be (was) solved ver.B.b16.11

■ First Report (Date: 2007-08-25)

import-images.xl (or LANDSCAPE data conversion script) with "mtx" for the first argument outputs an error.

■ Answer

This is a bug of import-images.xl script that fixed at the release ver.B.b16.11.

■ Workaround

Update to ver.B.b16.11

Chapter 3

ver.B.b16.12 Release Notes

3.1 Turning:ver.B.b16.12 cosmos and manuals t2007-09-03-00 Support English Release Notes (Help Menu)

■ **Status**

Process Stage:Requested>>Accepted>>InProgress>>Impremented

Interested Area of Imprementation:

- **Agent:** cosmos and manuals
- **OS** all
- **Impremented Version:** ver.B.b16.12

■ **Request**(Date:2007-09-03)

We support English Release Notes. It is used at Help Menu of COSMOS.

■ **Answer**

Impremented.

3.2 Bug:ver.B.b16.12 landscape script 2007-09-03-00 Function GetType returns illegal data

■ **Status**

First Report:bugs / Agent landscape script / Version ver.B.b16.11 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** landscape script
- **OS**
- **The Version the Report will be (was) solved** ver.B.b16.12

■ **First Report** (Date: 2007-09-03)

xl function GetType returns illegal data. Especially manual script is out of order.

■ **Answer**

Fixing GetType type conversion bugs.

■ **Workaround**

Update to ver.B.b16.12

Chapter 4

ver.B.b16.13 Release Notes

4.1 Bug:ver.B.b16.13 localbase sample 2007-09-09-00 HTTP-GATEWAY sample Not indicated [Open] buttons

■ Status

First Report:bugs / Agent localbase sample / Version ver.B.b16.11 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent localbase sample
- OS all
- The Version the Report will be (was) solved ver.B.b16.13

■ **First Report** (Date: 2007-09-09)

HTTP-GATEWAY samples under /usr/local/xl-gbs/xlsamples/www/gateway/packages/aqua have "open" buttons not indicated.

■ **Answer**

Registering "open" buttons.

■ **Workaround**

Update to ver.B.b16.13

4.2 Bug:ver.B.b16.13 landscape-script 2007-09-10-00 worldfile-mtx.xl is missed

■ Status

First Report:bugs / Agent landscape-script / Version ver.B.b16.12 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent landscape-script
- OS all
- The Version the Report will be (was) solved ver.B.b16.13

■ **First Report** (Date: 2007-09-10)

worldfile-mtx.xl script is missed in the ver.B.b16.12 landscape installer.

■ **Answer**

Regist the file.

■ **Workaround**

Update to ver.B.b16.13

4.3 Bug:ver.B.b16.13 landscape,cosmos 2007-03-28-00 Hangup of solaris 10 Landscape

■ Status

First Report:bugs / Agent landscape / Version ver.B.b14.04 / OS Solaris10

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent landscape,cosmos
- OS Solaris10
- The Version the Report will be (was) solved ver.B.b16.13

■ First Report (Date: 2007-03-28)

Landscape does not run perfectly on Solaris gbmp will be hang up in large load and long time running.

■ Answer

現時点なし。

■ Workaround

Be down the OS version under the 9

LANDSCAPE ver.B.b16.13 or later, workaround patch is effective.

■ Report (Author:Hirohisa MORIDate:2007-03-30)

It is realized by stack trace that write system call is locked.

■ Report (Author:Hirohisa MORIDate:2007-03-31)

The homepage of Sun Microsystems Certain Patches on Solaris Systems May Cause a Process to Hang While Waiting to Write Into a Pipe (<http://sunsolve.sun.com/search/document.do?assetkey=1-26-102614-1>) is similar to our problem. We will try Solaris 10 patch 118833-22 (<http://sunsolve.sun.com/search/document.do?21-118833-22-1>).

■ Report (Author:Hirohisa MORIDate:2007-04-05)

The patch is not effective for our problem.

■ Report (Author:Hirohisa MORIDate:2007-06-27)

All the patch up to today are not effective for our problem. We introduced time out routine force to close the stream that does not response from write operation.

■ Report (Author:Hirohisa MORIDate:2007-09-14)

There is some hole of the time out routine. We fix the bug.

4.4 Bug:ver.B.b16.13 all 2007-09-14-00 Hang up the connection of Linux

■ Status

First Report:bugs / Agent all / Version ver.B.b16.12 only / OS Linux

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent all
- OS Linux
- The Version the Report will be (was) solved ver.B.b16.13

■ First Report (Date: 2007-09-14)

Sometimes transfer is stopped that connects Linux server.

■ Answer

Linux bugs that write operation is hang up when very large data is written. Optimization of ver.B.b16.12 cause to touch this bug. We introduce the routine to write divided data.

■ Workaround

Version up to ver.B.b16.12

4.5 Bug:ver.B.b16.13 all 2007-09-17-00 Connection is hangup after connect the server

■ Status

First Report:bugs / Agent xlsv / Version ver.B.b16.12 / OS Darwin x86

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent all
- OS all
- **The Version the Report will be (was) solved** ver.B.b16.13

■ First Report (Date: 2007-09-17)

Connection is hangup exactly after connecting the server.

■ Answer

This bug is revealed at the Darwin version but all the OS hold this bug. Problem point is SetAgent routine or socket switching point from xlsv to an agent. Characters send into the agent instead of xlsv. Not necessary return code send into the agent. Optimization of transfer of ver.B.b16.12 enforce this bug but more older version include this bus also.

■ Workaround

Version up to ver.B.b16.13

Chapter 5

ver.B.b16.14 Release Notes

5.1 Bug:ver.B.b16.14 all 2007-09-20-00 worldfile.xml error and cannot execute it

■ Status

First Report:bugs / Agent xl / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent all
- OS all
- The Version the Report will be (was) solved ver.B.b16.14

■ First Report (Date: 2007-09-20)

When worldfile.xml is executed, the following error occurs.

```
[gbs@gbs3 ~]$ cd public/xldocs/nichibun/H7
[gbs@gbs3 H7]$ xl worldfile.xml - - / csv Shift_JIS H07.csv
<Result> 1 ()</Result>
<Result> 3 ^mode</Result>
<Result> 5 ()</Result>
<Result> 21 ^convert-to-cr</Result>
<Result> 110 ^gen-1st</Result>
<Result> 139 ^bib-list</Result>
<Result> 208 ^gen-crd</Result>
<Result> 246 ^gen-map</Result>
<Result> 286 ^gen-map-zero</Result>
<Result> 318 ^convert-worldfile</Result>
<Result> 337 ^convert-worldfile-csv</Result>
^.character
(".character" "" "small" "" "small" "" "" "" "" "" "")
^.pre.string
(".pre.string" "" "http://www.nichibun.ac.jp/heiankyo/" "" "" "" "" "" "" "" "" "")
<Result> 363 ^
%E
("localhost" "/usr/local/xl-gbs/xlscript/sbin/_csv.xml" 209 "binary
expression(3)" 0x80030806
())</Result>
[gbs@gbs3 H7]$
```

>

■ **Answer**

Cast xl function's bug.

■ **Workaround**

Version up to ver.B.b16.14

5.2 Bug:ver.B.b16.14 HTTP-GATEWAY 2007-10-18-01 Wrong condition of HTTP-GATEWAY skeleton/old

■ **Status**

First Report:bugs / Agent HTTP-GATEWAY / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** HTTP-GATEWAY
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b16.14

■ **First Report** (Date: 2007-10-18)

When install or update the old type style HTTP-GATEWAY code /usr/local/xl-gbs/xlsamples/pakcages/skeleton/old, wrong indication is occred.

■ **Answer**

Corrected in the verion ver.B.b16.14.

■ **Workaround**

Copy the main.html file included in old version LANDSCAPE (ver.B.b16.01).

5.3 Bug: cosmos 2007-10-18-00 Disabled referencing HTTP when native proxy is set

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** cosmos
- **OS** all
- **The Version the Report will be (was) solved**

■ **First Report** (Date: 2007-10-18)

Referencing HTTP is disabled when native proxy is set. Especially referencing warp menu xml.

■ **Answer**

remote_session does not support proxy over HTTP

■ **Workaround**

Version up to ver.B.b16.14

5.4 Bug:ver.B.b16.14 COSMOS 2007-10-26-00 White out the map window when access unit degree e2d type .crd file

■ **Status**

First Report:bugs / Agent COSMOS / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent COSMOS**
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b16.14
- **First Report** (Date: 2007-10-26)
COSMOS map window is white out when access unit degree e2d type .crd file
- **Answer**
A bug of coordinate conversion. Fixed.
- **Workaround**
update to ver.B.b16.14

Chapter 6

ver.B.b16.15 Release Notes

6.1 Bug:ver.B.b16.15 COSMOS 2007-11-04-00 Cannot indicate progressive polygon data or bus error is occur

■ Status

First Report:bugs / Agent COSMOS / Version ver.B.b16.14 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent COSMOS
- OS all
- **The Version the Report will be (was) solved** ver.B.b16.15

■ First Report (Date: 2007-11-04)

At reading a progressive polygon data using COSMOS, the data does not indicate or bug error is occur.

■ Answer

Problem of floating data byte length in transfer system of GLOBALBASE. ver.B.b16.14 floating data is double and older one is float.

■ Workaround

update to ver.B.b16.15

Do not use ver.B.b16.14 server for progressive polygon data.

6.2 Bug:ver.B.b13.01 http-gateway 2007-02-16-00 WindowsXP is hangup at using IE7

■ Status

First Report:bugs / Agent http-gateway / Version ver.B.b13.01 / OS Windows

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent http-gateway
- OS WindowsXP
- **The Version the Report will be (was) solved** ver.B.b13.01

■ First Report (Date: 2007-02-16)

IE7 with WindowsXP has hangup some later after launch up the HTTP-GATEWAY page.

■ Answer

Latest WindowXP and IE7 do not have this problem.

■ Workaround

Use the latest version of WindowsXP and IE7.

Chapter 7

ver.B.b17 Release Notes

7.1 Turning:ver.B.b17 gbm, cosmos t2007-12-29-00 Support scale style matrix data

■ Status

Process Stage:Requested>>Accepted>>InProgress>>Impremented

Interested Area of Imprementation:

- **Agent:** gbm, cosmos
- **OS** all
- **Imprementated Version:** ver.B.b17

■ Request(Date:2007-12-29)

We support scale matrix data which is array of integer or floating point data like the DEM. It can be used with RGB matrix data and plot matrix data those are already supported format.

■ Answer

Impremented.

7.2 Bug:ver.B.b17 COSMOS 2007-10-21-01 too small on map font at English version

■ Status

First Report:bugs / Agent COSMOS / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** COSMOS
- **OS** Windows
- **The Version the Report will be (was) solved** ver.B.b17

■ First Report (Date: 2007-10-18)

On map font of English version COSMOS is very small.

■ Answer

The font size function of Windows version COSMOS causes this problem. Font size is hard coded in the source code. We debug in the ver.B.b17.

■ Workaround

version up to ver.B.b17

7.3 Bug:ver.B.b17 gbview 2008-01-04-00 some junks are in .vct file generated by gbview edit mode

■ Status

First Report:bugs / Agent gbview / Version ver.B.b16.15 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent gbview
- OS all
- The Version the Report will be (was) solved ver.B.b17

■ First Report (Date: 2008-01-04)

Some junk characters are in the .vct file which is generated gbview agent. When we provide the HTTP-GATEWAY and use it edit mode.

■ Answer

It is the bug of gbview output routine. It is fixed.

■ Workaround

Update to ver.B.b17.

Chapter 8

ver.B.b17.01 Release Notes

8.1 Bug:ver.B.b17.01 gbpmd 2008-01-04-01 coorindates search does not work because of destroyed pmd(Plate Meta Database)

■ Status

First Report:bugs / Agent pmd / Version ver.B.b16.12 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>

Scope of The Report

- Agent gbpmd
- OS all
- The Version the Report will be (was) solved ver.B.b17.01

■ First Report (Date: 2008-01-04)

Coordinates search does not work because of destried pmd. If there are coordinates which are linked to other servers which GB server's version is lower than ver.B.b16.11, the problem is not occur.

■ Answer

It is the bug of gbpmd. alignment problem of data structure of pmd. It is fixed.

■ Workaround

Version down to ver.B.b16.11 or update to ver.B.b17.01.

■ Report (Author:Hirohisa MORIDate:2008-01-07)

pmd-status has some bugs yet at 2008.01.07 . So fix it.

Chapter 9

HTTP-GATEWAY

Chapter 10

Landscape Scripts

Chapter 11

Scripts of Manual Writing

Chapter 12

ALL:cosmos

12.1 Bug:2007-10-21-00 HTTP proxy connection is avoided through some kind of proxy server

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b16.13 / OS all

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- **Agent** cosmos
- **OS** all
- **The Version the Report will be (was) solved**

■ **First Report** (Date: 2007-10-21)

HTTP proxy connection is avoided through some kind of proxy server. It is think that the buffer on some kind proxy server which buffers returned data to COSMOS.

■ **Answer**

現時点なし。

■ **Workaround**

We recommend to use native proxy server.

Chapter 13

ALL:landscape

Chapter 14

ALL:gbmx

Chapter 15

MacOSX:cosmos

15.1 Bug:2007-11-06-00 Unilleagal indicate of text input box in VTableView COSMOS

■ Status

First Report:bugs / Agent COSMOS / Version ver.B.b16.14 / OS MacOSX 10.5

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent COSMOS
- OS all
- The Version the Report will be (was) solved

■ First Report (Date: 2007-11-04)

Using COSMOS built by MacOSX 10.5 SDK, VTextView text box is indicated out of a window. It is work well in MacOSX 10.4u SDK so all of the releases have no problem.

■ Answer

現時点なし。

■ Workaround

Nothing.

■ Report (Author:Hrohisa MORIDate:2007-12-29)

Now compiler is setup using 10.4u .

15.2 Bug:2007-11-06-01 COSMOS installed in the multi-byte name directory does not work

■ Status

First Report:bugs / Agent COSMOS / Version ver.B.b16.15 / OS MacOSX

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent COSMOS
- OS all
- The Version the Report will be (was) solved

■ First Report (Date: 2007-11-06)

COSMOS installed in the multi-byte name directory does not work. The reason is illegal resolving of multi byte path name of Darwin. Perhaps, all of the XL script on Darwin have same problem.

■ Answer

現時点なし。

■ Workaround

Install in the directory whose name is single byte.

Chapter 16

Linux:gbview

Chapter 17

Linux:svg2pp

Chapter 18

Windows:cosmos

18.1 Bug:2007-05-19-02 Warp menu and cache are not saved if quitting COSMOS with close box click

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b16.01 / OS WindowsXP

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent cosmos
- OS
- The Version the Report will be (was) solved

■ First Report (Date: 2007-05-19)

Warp menu and cache are not save if quitting COSMOS with close box click.

■ Answer

現時点なし。

■ Workaround

Please quit the application with the "Quit" submenu at the "File" menu.

18.2 Bug:2007-09-11-00 Stopping update of map frame at browsing

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b16.12 / OS Windows Vista

Process Stage:AcceptFirstReport>>Observed>>InProgress>>Solved

Scope of The Report

- Agent
- OS Vista
- The Version the Report will be (was) solved

■ First Report (Date: 2007-09-11)

Map frame update is stopped after the long time browsing.

■ Answer

現時点なし。

■ Workaround

Be off the all function at the visualization property. (<http://plusd.itmedia.co.jp/pcuser/articles/0711/20/news073.htm>)

Chapter 19

Solaris:gbpmd

Bibliography

- [1] Mori Hirohisa and Nakajima Tomohito. *LOCALBASE Setup Manual*. GLOBALBASE PROJECT, 2006.

History

1. **Date:** 2008-01-08
Generatting this manual. (Edition 2008-01-08)
2. **Date:** 2007-09-04
Author: Hirohisa MORI **Target Version:** ver.B.b16.12
This manual is made.