

ver.B.Release Report

GLOBALBASE PROJECT

Edition 2010-12-01

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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 Setup Manual" [1](Japanese).

■ **Answer**

Black, Red, Green and Blue are supported. More details are in the document the section of "Display Styles of HTTP-GATEWAY" in the manual "LOCALBASE Setup Manual"[1] (Japanese)

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>>Solved

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>>Implemented

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>>Solved

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>>Solved

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

Imprementated.

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 Turning:ver.B.b17.02 gbm, landscape script t2008-02-22-00 Enhancement of exporting fuction of GLOBALBASE server

■ **Status**

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

Interested Area of Imprementation:

- **Agent:** gbm, landscape script
- **OS** all
- **Impremented Version:** ver.B.b17.02

■ **Request**(Date:2008-02-22)

We support the function of exporting pnm image files from a GLOBALBASE matrix image file. Exporting the part of the matrix image file and splitted image files are supported.

■ **Answer**

Impremented.

8.2 Turning:ver.B.b17.02 gbm, landscape script t2008-02-22-01 Indication of progress

■ **Status**

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

Interested Area of Imprementation:

- **Agent:** gbm, landscape script
- **OS** all
- **Impremented Version:** ver.B.b17.02

■ **Request**(Date:2008-02-22)

We support the porgress indication of long run time scripts.

■ **Answer**

Impremented in a few scripts.

8.3 Turning:ver.B.b17.02 cosmos t2008-02-22-02 Performance of MacOSX version COSMOS

■ Status

Process Stage:Requested>>Accepted>>InProgress>>Implemented

Interested Area of Implementation:

- **Agent:** cosmos
- **OS** MacOSX
- **Implemented Version:** ver.B.b17.02

■ Request(Date:2008-02-22)

Improve the performance of MacOSX version COSMOS by the enhancement of thread switching etc.

■ Answer

Implemented.

8.4 Bug:ver.B.b17.01 gbpmd 2008-01-04-01 coordinates 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>>Solved

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 destroyed 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 MORI Date:2008-01-07)

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

Chapter 9

ver.B.b17.02 Release Notes

9.1 Turning:ver.B.b17.02 gbm, landscape script t2008-02-22-00 Enhancement of exporting fuction of GLOBALBASE server

■ **Status**

Process Stage:Requested>>Accepted>>InProgress>>Implemented

Interested Area of Implementation:

- **Agent:** gbm, landscape script
- **OS** all
- **Implemented Version:** ver.B.b17.02

■ **Request**(Date:2008-02-22)

We support the function of exporting pnm image files from a GLOBALBASE matrix image file. Exporting the part of the matrix image file and splitted image files are supported.

■ **Answer**

Implemented.

9.2 Turning:ver.B.b17.02 gbm, landscape script t2008-02-22-01 Indication of progress

■ **Status**

Process Stage:Requested>>Accepted>>InProgress>>Implemented

Interested Area of Implementation:

- **Agent:** gbm, landscape script
- **OS** all
- **Implemented Version:** ver.B.b17.02

■ **Request**(Date:2008-02-22)

We support the porgress indication of long run time scripts.

■ **Answer**

Implemented in a few scripts.

9.3 Turning:ver.B.b17.02 cosmos t2008-02-22-02 Performance of MacOSX version COSMOS

■ Status

Process Stage:Requested>>Accepted>>InProgress>>Implemented

Interested Area of Implementation:

- Agent: cosmos
- OS MacOSX
- Implemented Version: ver.B.b17.02

■ Request(Date:2008-02-22)

Improve the performance of MacOSX version COSMOS by the enhancement of thread switching etc.

■ Answer

Implemented.

9.4 Bug:ver.B.b17.02 cosmos 2007-05-19-02 Warp menu and cache are not saved if quitting Windows 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 ver.B.b17.02

■ First Report (Date: 2007-02-22)

Problem of synchronization at the last finish of cosmos.

■ Answer

現時点なし。

■ Workaround

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

Chapter 10

ver.B.b17.03 Release Notes

10.1 Turning:ver.B.b17.03 all t2008-05-24-00 Stream routing

■ **Status**

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

Interested Area of Imprementation:

- **Agent:** all
- **OS** MacOSX
- **Impremented Version:** ver.B.b17.03

■ **Request**(Date:2008-05-24)

Stream routing mechanizm is implemented. See [UNDEF REF (xl-stream-routing)]

■ **Answer**

Impremented.

10.2 Bug:ver.B.b17.03 cosmos 2008-05-19-01 Windows titles are not indicated correctlly

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b17.02 / OS MacOSX

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

Scope of The Report

- **Agent** cosmos
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.03

■ **First Report** (Date: 2008-05-19)

Windows titles of multi-byte are not indicated correctlly.

■ **Answer**

A routine of title manipulation has bugs. Those are fixed.

■ **Workaround**

10.3 Bug:ver.B.b17.03 cosmos 2007-07-23-01 Bus error (objc_msgSend_rtp

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b16.09 / OS MacOSX

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

Scope of The Report

- **Agent** cosmos
- **OS**
- **The Version the Report will be (was) solved** ver.B.b17.03

■ **First Report** (Date: 2007-07-23)

Bus error is occur at startup of COSMOS.

■ **Answer**

This problem is not occur in the version after pthread system of COSMOS.

■ **Workaround**

Restart COSMOS.

Chapter 11

ver.B.b17.04 Release Notes

11.1 Bug:ver.B.b17.04 cosmos 2008-06-09-00 Bus Error at Warp Menu Edit Window

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b17.02 / OS MacOSX

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

Scope of The Report

- **Agent** cosmos
- **OS** MacOSX
- **The Version the Report will be (was) solved** ver.B.b17.04

■ **First Report** (Date: 2008-06-09)

Bus error occurs when an entity is selected in the Warp Menu Edit Window.

■ **Answer**

A bug of pthread mechanism. Fixed.

■ **Workaround**

11.2 Bug:ver.B.b17.04 cosmos 2008-06-09-01 Bus Error at vector data fetched

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b17.02 / 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.b17.04

■ **First Report** (Date: 2008-06-09)

Bus error occur at some interval after when vector data is fetched.

■ **Answer**

A bug of garbage collection of vector data. Fixed.

■ **Workaround**

Chapter 12

ver.B.b17.05 Release Notes

12.1 Bug:ver.B.b17.05 all 2008-06-27-00 Too large time spend to connect GB server

■ Status

First Report:bugs / Agent all / Version ver.B.b17.04 / OS all

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

Scope of The Report

- Agent all
- OS all
- The Version the Report will be (was) solved ver.B.b17.05

■ First Report (Date: 2008-06-25)

The first connection to GB server spends time. Relatively slow reading and drawing data of COSMOS especially the first open the window and warpping the map, drawing and fetching the images with HTTP-GATEWAY and etc. are observated.

■ Answer

This problem is related a bug of built in cache mechanism of GB server agents before the version ver.B.b17.04. This is fixed in the ver.B.b17.05 release.

Fundamentally, Effect of this bug is small when DNS and resolver work well.

■ Workaround

Chapter 13

ver.B.b17.06 Release Notes

13.1 Bug:ver.B.b17.05 all 2008-07-14-00 Some maps are not retrieved at warping

■ Status

First Report:bugs / Agent all / Version ver.B.b17.04 / OS all

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

Scope of The Report

- Agent all
- OS all
- The Version the Report will be (was) solved ver.B.b17.05

■ First Report (Date: 2008-06-25)

Some maps are not accessed after warping or backtrack.

■ Answer

Some bugs are in gbmp time scheduling algorithm. Fixed.

■ Workaround

Wait sometimes and drag and zoom the window.

■ Report (Author:Hirohisa MORIDate:2008-06-27)

Especially, the problem is occur at changing some connection to more slowly server from fast server. COSMOS makes wrong judgement that the network or server is hanging up.

We solved this problem by the method that response speed estimation of network is off at warping and excluding the estimation of previous servers.

Chapter 14

ver.B.b17.07 Release Notes

14.1 Bug:ver.B.b17.07 landscpae 2008-07-23-00 Cannot stop the server, cannot connect to gbmp

■ Status

First Report:bugs / Agent landscpae / Version ver.B.b17.05 / OS all

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

Scope of The Report

- Agent landscpae
- OS all
- The Version the Report will be (was) solved ver.B.b17.07

■ First Report (Date: 2008-07-23)

We cannot stop the LANDSCAPE server. Or we cannot connect the port of gbmp (normally

■ Answer

A bug of comparing routine of host address. more short domain name written before "localhost" of 127.0.0.1 causes finishing of compareing.

■ Workaround

Write "localhost" immidiately after 127.0.0.1

14.2 Bug:ver.B.b17.07 xlsv 2008-09-09-01 xlsv becomes busy

■ Status

First Report:bugs / Agent xlsv / Version ver.B.b17.06 / OS solaris

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

Scope of The Report

- Agent xlsv
- OS all especially solaris
- The Version the Report will be (was) solved ver.B.b17.07

■ First Report (Date: 2008-08-05)

xlsv becomes busy. By the core analisis, though all of the file descriptors are in use, few STREAM is used.

■ Answer

Problem of closing process of file descriptor at finish of launching child process. We fixed the bug.

■ Workaround

Killing the children proress of xlsv for reboot.

Chapter 15

ver.B.b17.08 Release Notes

15.1 Bug:ver.B.b17.08 cosmos,gbview 2008-09-14-00 Hunging up when warp

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b17.07 / OS MacOSX

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

Scope of The Report

- **Agent** cosmos,gbview
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.08

■ **First Report** (Date: 2008-09-14)

Sometimes cosmos is hanging up, when we warping wusing warp menu.

■ **Answer**

Optimizing mapping path search argolithms of radar. Fixing the bug.

■ **Workaround**

Nothing

Chapter 16

ver.B.b17.10 Release Notes

16.1 Bug:ver.B.b17.10 cosmos,gbview 2008-10-15-00 Sometimes COSMOS hungs up

■ **Status**

First Report:bugs / Agent cosmos / Version ver.B.b17.09 / OS MacOSX

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

Scope of The Report

- **Agent** cosmos,gbview
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.10

■ **First Report** (Date: 2008-10-15)

Sometimes cosmos is hanging up.

■ **Answer**

A bug of critical section at disconnecting network. Fixing.

■ **Workaround**

Nothing

Chapter 17

ver.B.b17.11 Release Notes

17.1 Bug:ver.B.b17.11 p4m.xl and netmapper 2008-10-15-00 p4m.xl script: large distortion at using reverse option

■ Status

First Report:bugs / Agent p4m.xl and netmapper / Version ver.B.b17.10 / OS all

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

Scope of The Report

- **Agent** p4m.xl and netmapper
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.11

■ First Report (Date: 2008-12-15)

Distortion become large result mapping path of execution of p4m.xl using reverse option.

■ Answer

Bugs of p4m.xl script. And we apply optimization to netmapper for decrease the distortion.

■ Workaround

Combination of Mirroring linear conversion and non use reverse option p4m.xl conversion.

17.2 Bug:ver.B.b17.11 csv-plot.xl, gbm, cosmos and gbview 2008-10-15-01 csv-plot.xl script: some bugs

■ Status

First Report:bugs / Agent csv-plot.xl and gbm / Version ver.B.b17.10 / OS all

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

Scope of The Report

- **Agent** csv-plot.xl, gbm, cosmos and gbview
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.11

■ First Report (Date: 2008-12-15)

csv-plot.xl script has some bugs as following

1. When column A is corresponding to some plot attribute fields, All of the line is corresponding to the fields.
2. When an empty column is exist in one line, columns after the column can not be read.
3. Plots can not be converted if an pixel size are over the 2power

■ **Answer**

1. When column A is corresponding to some plot attribute fields, All of the line is corresponding to the fields.
2. When an empty column is exist in one line, columns after the column can not be read.

Those two bugs are in gbm. Only csv-plot.xl is suffered.

1. Plots can not be converted if an pixel size are over the 2power

This bug is in matrix module. So gbm, cosmos and gbview is suffered. Every bugs are fixed in the version ver.B.b17.11.

■ **Workaround**

1. When column A is corresponding to some plot attribute fields, All of the line is corresponding to the fields.

Write dummy data on the column A. Move the data to the other column.

2. When an empty column is exist in one line, columns after the column can not be read.
Do not make empty column. Event if you want empty column, write a space character.

3. Plots can not be converted if an pixel size are over the 2power
There is no workaround.

Chapter 18

ver.B.b17.12 Release Notes

18.1 Bug:ver.B.b17.12 cosmos 2009-07-30-00 character inidication bugs in the window preferences

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b17.11 / OS windowsXP

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

Scope of The Report

- **Agent** cosmos
- **OS** windowsXP
- **The Version the Report will be (was) solved** ver.B.b17.12

■ **First Report** (Date: 2008-07-30)

Some characters and strings in the preferences windows have indication bugs. Pull down menu also has bugs not indication.

■ **Answer**

Bugs of VObject of windows version. Fixed.

■ **Workaround**

18.2 Bug:ver.B.b17.12 gbview gbm cosmos 2009-07-30-01 Bugs of LANDSCAPE AND gbview / COSMOS matrix

■ Status

First Report:bugs / Agent gbview gbm cosmos / Version ver.B.b17.11 / OS all

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

Scope of The Report

- **Agent** gbview gbm cosmos
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.12

■ **First Report** (Date: 2008-07-30)

Some bugs of LANDSCAPE gbview , COSMSO matrix

■ **Answer**

Fixed.

■ **Workaround**

Chapter 19

ver.B.b17.13 Release Notes

19.1 Bug:ver.B.b17.13 gbview gbmX cosmos 2010-12-03-00 Bugs of LANDSCAPE gbview / COSMOS

■ Status

First Report:bugs / Agent gbview gbmX cosmos / Version ver.B.b17.12 / OS all especially Windows

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

Scope of The Report

- **Agent** gbview gbmX cosmos
- **OS** all
- **The Version the Report will be (was) solved** ver.B.b17.13

■ **First Report** (Date: 2010-12-3)

Some bugs of LANDSCAPE gbview , COSMSO. Fatal errors occur and system or application stops. Especially It happens frequently by Windows version but every OS has this bugs in potential.

■ **Answer**

Fixed.

■ **Workaround**

Chapter 20

HTTP-GATEWAY

Chapter 21

Landscape Scripts

Chapter 22

Scripts of Manual Writing

Chapter 23

ALL:cosmos

23.1 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 24

ALL:landscape

Chapter 25

ALL:gbmx

Chapter 26

MacOSX:cosmos

26.1 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 .

26.2 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 27

Linux:gbview

Chapter 28

Linux:svg2pp

Chapter 29

Linux:landscape

29.1 Bug:2008-09-09-00 Sometimes machine hungup is occur when both of DNS and GB server are running

■ Status

First Report:bugs / Agent landscape / Version ver.B.b17.07 / OS linux

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

Scope of The Report

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

■ First Report (Date: 2008-08-05)

Sometimes linux machine installed both of DNS and GB server is locked by high loaded.

■ Answer

現時点なし。

■ Workaround

Divide DNS machine and GB server

■ Report (Author:Hirohisa MORIDate:2008-09-09)

Number of threads in GB server inceases when DNS is not active. Otherwise DNS can not cleate processes or threads because space is occupied by the GB threads. It becomes into dead lock status. Linux threads are implemented by memory shared process.

Chapter 30

Windows:cosmos

30.1 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>)

30.2 Bug:2008-05-19-00 Popup menus of the appialance of the preferences page do not work

■ Status

First Report:bugs / Agent cosmos / Version ver.B.b17.02 / OS WindowsXP

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

Scope of The Report

- Agent cosmos
- OS all
- The Version the Report will be (was) solved ver.B.b17.03

■ First Report (Date: 2008-05-19)

Popup menus of the appialance of the preferences page do not work.

■ Answer

The definitions of style and font size are not inserted in the attributes of the popup menus. It is fixed.

■ Workaround

Chapter 31

Solaris:gbpmd

Chapter 32

Solaris:xlsv

Bibliography

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

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