

VERSION CONTROL



With Version Control, every change made to the source code can be tracked, along with who made the change, why they made it, and references to problems fixed, or enhancement introduced, by the change.

Features

GLOVIA G2 version control system (also known as a Revision Control System or Development control Management) allows GLOVIA customers to create and manage a repository of source code of computer programs, with monitored access. Every change made to the source code can be tracked, along with who made the change, why they made it, and references to problems fixed, or enhancement introduced, by the change.

Version control system is essential for any form of distributed, collaborative development. Whether it is the history of large software development project, the ability to track each change as it was made, and to reverse changes when necessary can make all the difference between a well managed and controlled process and an uncontrolled 'first come, first served' system.

The New Super Layer Version Control allows team collaboration and better project management.

- It allows users to keep track of the changes and prevent unauthorized users from accessing
- It allows users to check-out any specific SuperLayer object, and make changes to it without letting any other team member modify the same object at the same time.
- It allows the user to check-in the object once satisfied with the changes. User is required to enter version notes while checking in object. Version notes explain what changes were made to an object. The notes can be viewed or printed for later review

Flexible versioning option allows administrators to determine how to control the versioning process.

- **DCM By Package:** This feature allows Programmers to check-out and check-in source code for modification in a group. A package id can be a project name or enhancement group to which these changes belong. Using this feature Objects checked-out and checked-in will then be assigned to that package. If there is a significant amount of work occurring or you would like to track and document the work being done at project level, then it is a recommended functionality to be used by project team.
- **Increase Version on Check-in:** This feature allows users to modify the objects with or without incrementing the version number by giving a Package ID. For example, if user while working on a project wanted to check-in an object multiple times with same Package ID, which would not increment the version number then this feature will come handy in achieving this goal.

Check-out by Object Version

Project managers would benefit from this by controlling the changes being done per project (identified by package id).

Check-out by object version

- This feature allows user to bring back any version of the object either by project (Package ID) or as individual objects. It also identifies the impact on the dependent objects and lets user check-out any of these dependent objects, recursively.

Object Version	Pkg ID	Changed Operator	Date Create	Time Create
000000002				
000000003	24471SOLN	GG8	09/24/08	15:12:36
000000004	27626SOLN	SR1	12/01/09	09:32:21
000000005	27626SOLN	SR1	12/09/09	13:06:21
000000006	27626SOLN	DC5	12/10/09	15:57:17
000000007	29177SOLN	SP1	09/27/10	13:46:18
000000008	29177SOLN	SP1	11/09/10	15:32:35
000000009	29075SOLN	SR1	08/20/11	16:26:34
000000010	23107SOLN	SR1	11/08/11	20:45:30
000000011	31189SOLN	DS6	02/29/13	18:19:41
000000012	33485SOLN	DC5	10/29/13	14:34:26
000000013	33843SOLN	DS2	04/03/14	14:12:06
000000014	32296SOLN	AS1	09/12/14	12:24:00
000000015	TEST	ERS	02/05/16	14:01:25
000000016	35943SOLN	SR1	05/17/16	11:43:22
000000017	46096SOLN	SYS	09/23/16	09:46:10

Modification History

- The version history can be printed which includes version notes, user that made the changes along with date and time changes were made.

Req	Entry Name	Description	Status	Operator	Version	Reference
1	SYCCNS	Company Number Maintenance	BAZ	SR1	000000004	27626SOLN

Data/Time: 12/01/2009 12:49:15 Msg Note: 1: SuperLayer Function: SYCCNS Checked out.
 Batch ID: 000000004 Batch Type: E Batch Date/Time: 12/01/2009 12:49:15

Msg
 001 Change CCM field to ESTBRID CCM

Object Version Comparison

- Objects can be compared between versions and the changes made between two versions can be viewed as HRF (HTML Reader Friendly format).

ZIP File Name: SYCCNS_COMPARE
 Complexity ID:

View: HRF | Paper Patch | Source Code Review | Code Comparison | Complexity Analysis

Source Environment
 Baseline Version: mdpcurrent | Mendocino DP Current Programming
 List Name:
 Pkg ID:
 Object Type: S | Superlayer Function
 Object Name: SYCCNS | Company Number Maintenance
 Object Version: 000000004 | Current | Latest
 Use Base Function:

Target Environment
 Baseline Version: mdpcurrent | Mendocino DP Current Programming
 List Name:
 Pkg ID:
 Object Type: S | Superlayer Function
 Object Name: SYCCNS | Company Number Maintenance
 Object Version: 00000

```

Change logic: 027
[1] Function: SYCCNS
[4] Field: ''
[1] Field Details
[1] File: CCN
Logic Error Read Filein Field = "027"

I 002 IF @MODE = 'A' THEN
003 MSG (2)
I 004 ELSE
I 005 MSG (3) ;
006 DSEL
007 FLD (@FLD -1,1)
008

Create new logic: 029
[1] Function: SYCCNS
[5] Field: CCN_NAME
[1] Field Details
Logic Before Field = "029"

002 * 27626soln - ignition
003 IF @CLIENT_MODE = 'HY', 'EM' AND @MODE # 'A' THEN
004 DISABLE(&#EODCAN)
005 ENDIF
  
```

Fujitsu Glovia
 Tel: +1 800 223-3799
 +1 310 563-7000
 Fax: +1 310 563-7300
 Email: marketing@glovia.com
 www.glovia.com

