



Gandharavalla **Informatics Pvt Ltd**
Gain for matics

WEBridge 4 EBS v 2.0 (RTM)

Presented by: Sreeni



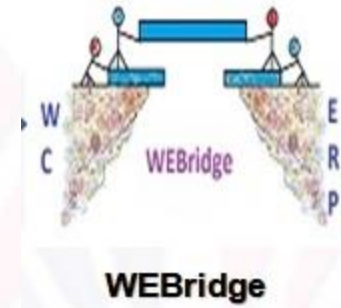
BANGALORE-INDIA
TROY, MICHIGAN-USA

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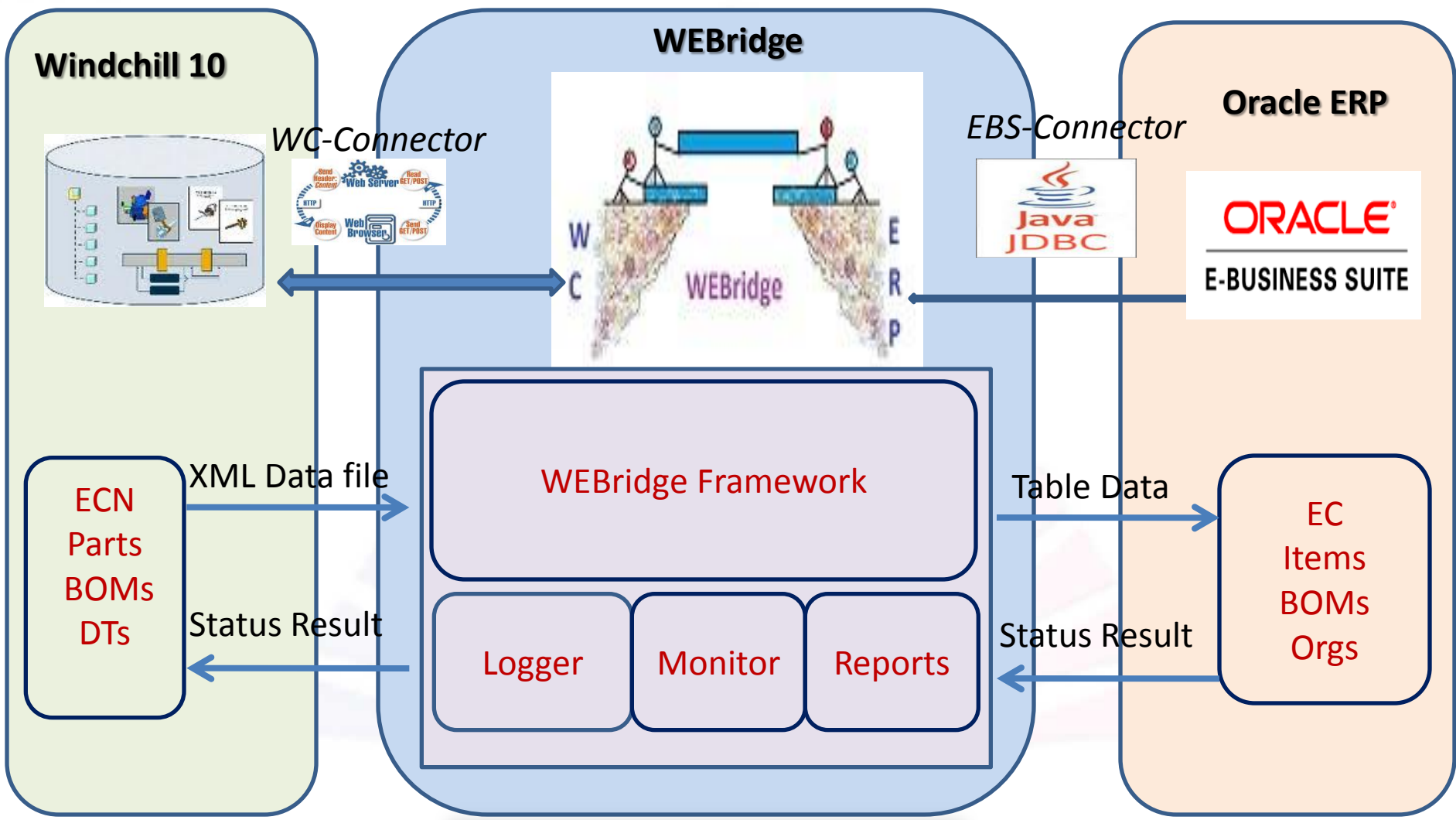
About

- WEBridge is acronym name for **W**indchill and **E**RP systems **B**ridge.
 - Will integrates Windchill 10 and Oracle EBS in real data.
 - Uses java ,xml and C++ only.
 - runs on custom http port only.
 - 2 Tier Architecture.
 - Lightly coupled.
 - Plug and play tool.
 - Its ensures Highly secured data transfer.
 - also supports multiple ERPs in future release.





WEBridge - Architecture





Main- Login/Logout



WEBridge 4 EBS v2.0

Login

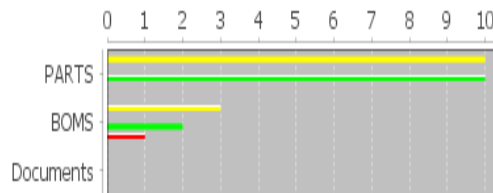
Username

Password

Login



	Total	Pending	Success	Fail
Parts	10	0	10	0
BOMs	3	0	2	1
Documents	0	0	0	0



WEBridge 4 EBS v2.0

mallu [Logout](#)

- ☰ Logs
- ☰ Dashboard
- ☰ Adapters
- ☰ Help
- ☰ Reports
- ☰ Administration





What's new in v2.0

- New WEBridge
BOM and ECN
Windchill and EBS part comparison report

Part Number :

Part Version :

Windchill/EBS Attribute	Windchill : Value	EBS : Value
PartNumber/SEGMENT1	EBSV211-772016	EBSV211-772016
DefaultUnit/PRIMARYUNITOFMEASURE	ea	ea
Source/PLANNINGMAKEBUYCODE	make	make

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Gain Ga In

- Logs
- Dashboard
- Adapters
- Help
- Reports
 - Windchill ESI
 - Windchill-EBS Compare
- Administration

Windchill or EBS down Email Notification:

From Mallu★

Subject **WEBridge: Windchill Service unavailable!**

Reply to no_reply@gainformatics.com☆

To Me★

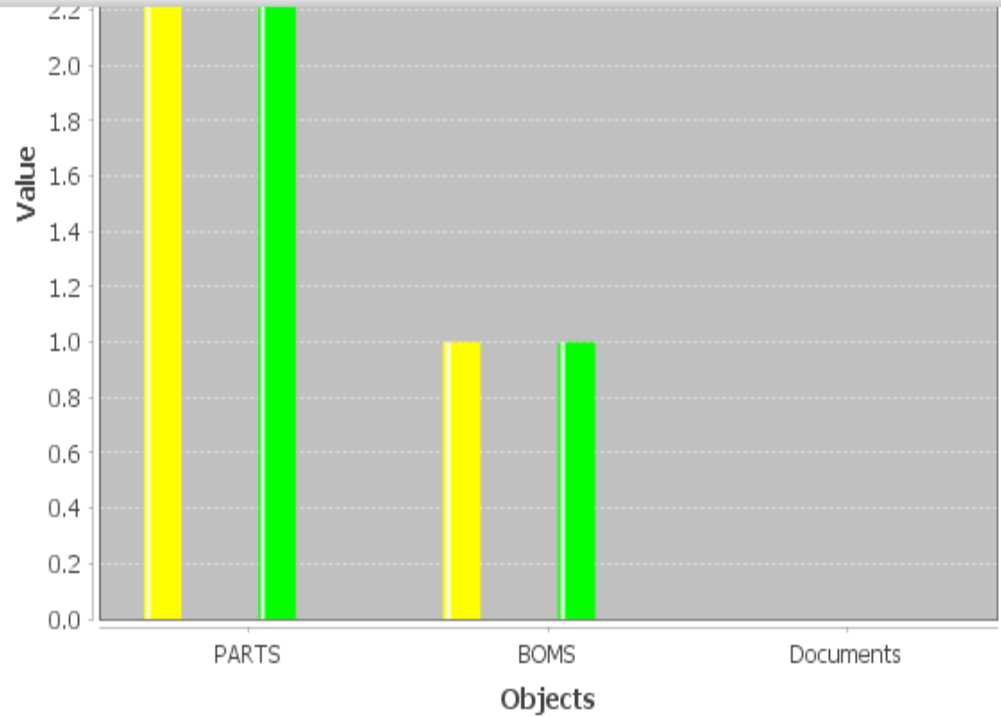
Windchill Service unavailable! java.net.ConnectException: Connection timed out: connect





Monitoring View

Process Status : Success			
Transaction : 235~U~mallu~CN~CN001-7716			
Duration (HH : mm : ss) 0 : 1 : 44			
	Parts	BOMs	Documents
Total	3	1	0
Pending	0	0	0
Success	3	1	0
Fail	0	0	0



Transaction No : 235

Type	Number	Name	Satus	Target	Action
Part	EBSV211-772016	EBSV211-772016	Success	M1	CREATE
Part	EBSV212-772016	EBSV212-772016	Success	M1	CREATE
Part	EBSV210-772016	EBSV210-772016	Success	M1	CREATE
ECN	CN001-7716	CN001-7716	Success	M1	CREATE
BOM	EBSV210-772016	EBSV210-772016	Success	M1	CREATE





EBS view - 1

Bills of Material (M1)

Item: EBSV202-772016 UOM: EA

Alternate:

Revision: Date: []

Display: Implemented Only

Main Date Effectivity Unit Effectivity ECO Component Details Material Control Order Management

Item Seq	Operation Seq	Component	Item Description	Revision	UOM	Basis	[]
10	1	EBSV203-772016	EBSV203-772016	A	EA	Item	[]
20	1	EBSV204-772016	EBSV204-772016	A	EA	Item	[]
							[]
							[]
							[]

Substitutes Designators Operations Bill Details Revision





EBS view - 2

Engineering Change Orders (M1)

ECO: CN001-7716
 Type: ESI Prod ESI Manufacturing
 Creation Date: 07-JUL-2016 04:28:37 Organization Hierarchy:
 Status: Implemented 07-JUL-2016 05:17:37

Requestor: []

ECO Department: []

Reason: []

Priority: []

Approval List: []

Approval Process: []

Approval Status: []

Project: []

Task: []

Description: CN001-7716

Submit

View Revised Items (M1) - CN001-7716

Main | Item Details | Dates | Use Up Details | Routing Details | Work In Process | Discrete Jobs | Cancel Details

Item	Alternate	Item Rev	Description	Routing Rev	Effective Date
EBSV210-772016		A			07-JUL-2016 05:17:37

Item Description: EBSV210-772016

History | Revisions | Routing Revisions | Operations | Components





Email Notification

From Mallu★

Subject **Fwd: WEBridge4EBS: Primary OBJ No :CN001-7716 And Transaction No :235**

To Me★

----- Original Message -----

Subject:WEBridge4EBS: Primary OBJ No :CN001-7716 And Transaction No :235

Date:Thu, 7 Jul 2016 13:58:54 +0530 (IST)

From:mallu@gainformatics.com

Reply-To:no_reply@gainformatics.com

To:mallu@gainformatics.com

Transaction No : 235

Type	Number	Name	Satus	Target	Action
Part	EBSV211-772016	EBSV211-772016	Success	M1	CREATE
Part	EBSV212-772016	EBSV212-772016	Success	M1	CREATE
Part	EBSV210-772016	EBSV210-772016	Success	M1	CREATE
ECN	CN001-7716	CN001-7716	Success	M1	CREATE
BOM	EBSV210-772016	EBSV210-772016	Success	M1	CREATE





Search

- ▣ Logs
 - ⊕ Current
 - ⊕ Previous
- ▣ Dashboard
 - ⊕ Current
 - ⊕ Previous
 - ⊖ Search

Current ▾ GO

Search

Current ▾ Parts ▾ gain* GO

133~U~wadmin~P~GAIN0402-001

By Part No

Menu

Search

Current ▾ User ▾ * GO

- 116~U~wadmin~P~TESTEBS02
- 117~U~wadmin~P~TESTEBS03
- 118~U~wadmin~P~TESTEBS03
- 119~U~wadmin~P~TESTEBS03
- 120~U~wadmin~P~TESTEBS04
- 121~U~wadmin~P~TESTEBS05
- 122~U~wadmin~P~TESTEBS06

By User

Search

Current ▾ Boms ▾ WEBridge* GO

135~U~wadmin~B~WEBRIDGE4EBS-01

By BOM No

Search

Current ▾ Trmno ▾ * GO

- 116~U~wadmin~P~TESTEBS02
- 117~U~wadmin~P~TESTEBS03
- 118~U~wadmin~P~TESTEBS03
- 119~U~wadmin~P~TESTEBS03
- 120~U~wadmin~P~TESTEBS04
- 121~U~wadmin~P~TESTEBS05
- 122~U~wadmin~P~TESTEBS06

By Trans No





Reports

From Date :	<input type="text" value="04/02/2016"/>	To Date :	<input type="text" value="04/02/2016"/>
User :	<input type="text"/>		
Status :	<input type="text" value="None"/>		
Action :	<input type="text" value="None"/>		
			<input type="button" value="Get Report"/>

Options:

- From Date :
- To Date:
- User:
- Status: (Ex: Success, Failed etc)
- Action: (Ex: Add, Update etc)





Reports – Screen view

From Date : To Date :

User :

Objects : Object No

Status :

Action :



FromDate : 07/07/2016 ToDate : 07/07/2016

Date	Transaction No	User	Object Type	Object No	Object Name	Status	Target	Action
07-07-2016	231	true	Part	EBSV201-772016	EBSV201-772016	Success	M1	CREATE
	232			EBSV202-772016	EBSV202-772016	Success	M1	CREATE
				EBSV203-772016	EBSV203-772016	Success	M1	CREATE
				EBSV204-772016	EBSV204-772016	Success	M1	CREATE
			BOM	EBSV202-772016	EBSV202-772016	Success	M1	CREATE
	233		Part	EBSV207-772016	EBSV207-772016	Success	M1	CREATE
				EBSV205-772016	EBSV205-772016	Success	M1	CREATE
				EBSV206-772016	EBSV206-772016	Success	M1	CREATE





Reports – Excel Sheet

	A	B	C	D	E	F	G	H	I
1	FromDate : 07/07/2016 ToDate : 07/07/2016								
2	Date	Transaction No	User	Object Type	Object No	Object Name	Status	Target	Action
3	07-07-2016	231	true	Part	EBSV201-772016	EBSV201-772016	Success	M1	CREATE
4		232			EBSV202-772016	EBSV202-772016	Success	M1	CREATE
5					EBSV203-772016	EBSV203-772016	Success	M1	CREATE
6					EBSV204-772016	EBSV204-772016	Success	M1	CREATE
7				BOM	EBSV202-772016	EBSV202-772016	Success	M1	CREATE
8		233		Part	EBSV207-772016	EBSV207-772016	Success	M1	CREATE
9					EBSV205-772016	EBSV205-772016	Success	M1	CREATE
10					EBSV206-772016	EBSV206-772016	Success	M1	CREATE
11				ECN	CN01-7716	CN01-7716	Failed	M1	CREATE
12				BOM	EBSV205-772016	EBSV205-772016	Failed	M1	CREATE
13		235		Part	EBSV211-772016	EBSV211-772016	Success	M1	CREATE
14					EBSV212-772016	EBSV212-772016	Success	M1	CREATE
15					EBSV210-772016	EBSV210-772016	Success	M1	CREATE
16				ECN	CN001-7716	CN001-7716	Success	M1	CREATE
17				BOM	EBSV210-772016	EBSV210-772016	Success	M1	CREATE





Advantages

- 100% Java and C++ based only
- Easy to customize
- Easy to maintain
- Easy to monitor and debug

- Highly cost effective
- Very much light, below 100MB size
- High performance

- Its developed based on
 - Web Service
 - XML
 - Java
 - C++

- No Database and no third part software





Mile stones

- In 2014
 - Windchill 10.x to SAP 6.x
 - 11/11 the Final Release (V 1.0)
- In 2016
 - 02/02 the WEBridge 4 SAP Released (v 2.0)
 - 04/04 the WEBridge 4 EBS Released (v 1.0)
 - 07/07 the WEBridge 4 EBS Final Release (v 2.0)
 - 07/07 the WEBridge 4 SAP Final Release (v3.0)
- Road Map 2016 2nd quarter
 - Windchill 11.x to Oracle EBS 11g / 12c
 - Windchill 11.x to SAP ECC 6.0





Road map

- 11/11 of 2014 is WEBridge 4 SAP v 1.0 Final Release
- 02/02 of 2016 is WEBridge 4 SAP v 2.0 Final Release(RTM)
- 04/04 of 2016 is WEBridge 4 EBS v 1.0 Final Release(RTM)
- 07/07 of 2016 is WEBridge 4 EBS v 2.0 Final Release(RTM)
- 07/07 of 2016 is WEBridge 4 SAP v 3.0 Final Release(RTM)



- Future Release:
- 08/08 of 2016 - WEBridge 4 SAP v 4.0 Release(RTM)
- 08/08 of 2016 - WEBridge 4 EBS v 3.0 Release (RTM)





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