

# CA Gen product update

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- CA Gen 8 was released in May 2010 followed by two Interim Enhancement releases. These Interim Enhancement releases contained early features of CA Gen 8.5. Today's presentation will highlight CA Gen 8 and let you know what is planned for CA Gen 8.5 and beyond.

# agenda

- New Product Manager
- CA Gen Release 8 highlights
- CA Gen Plans
- CA Gen Community
- Questions and Answers

# Introduction:

## CA Gen Product Manager

- Message from Patti Bowman, CA Gen, CA 2E & Plex Product Manager



- Patti's Reach Information
  - [Patricia.Bowman@ca.com](mailto:Patricia.Bowman@ca.com)
  - Phone: 609-583-3208

# CA Gen release 8 highlights

# CA Gen 8 with Interim Enhancements

- Performance & Productivity improvements
  - Support Dynamic RI triggers
  - Multi Socket Listener - TCPIP
  - Larger models and subsets
  - Side by side releases
  - New Eclipse based Toolset
  - Support for In and Between
  - Identity columns
  - Removed 32K Limit on Windows, Unix & Linux (for TCP/IP & MQ)
  - 64 bit Windows Server support
  - 32 bit apps support on 64 bit Servers
  - z/Lib enhancements
  - DB2 package bind enhancements
  - Compatible release runtimes
  - Multi Row Fetch
- Web & Web Services enhancements
  - Customization of Proxies
  - Create Web 2.0 User Interfaces
  - Web Service Access
  - EJB Web Services

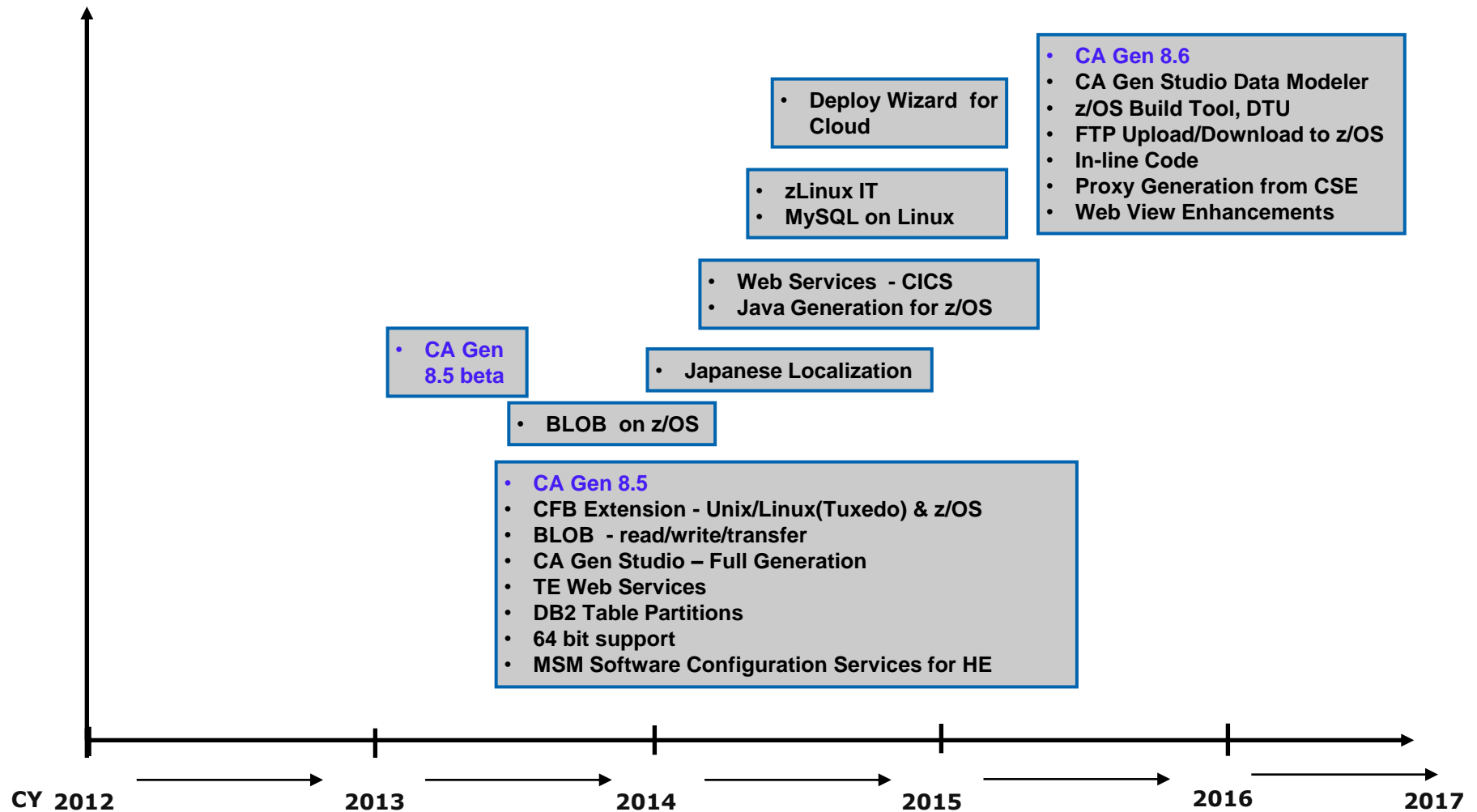
# CA Gen release 8 plans

# CA Gen 8.5 features

- CFB Extensions – all platforms
- BLOBs - read/write/transfer
- CA Gen Studio Web View - full generation
- DB2 Table and Table Space partitioning
- 64 bit support
- TE Web Services
- 3<sup>rd</sup> party certifications
- Customer enhancement requests



# CA Gen roadmap



# CFB extension

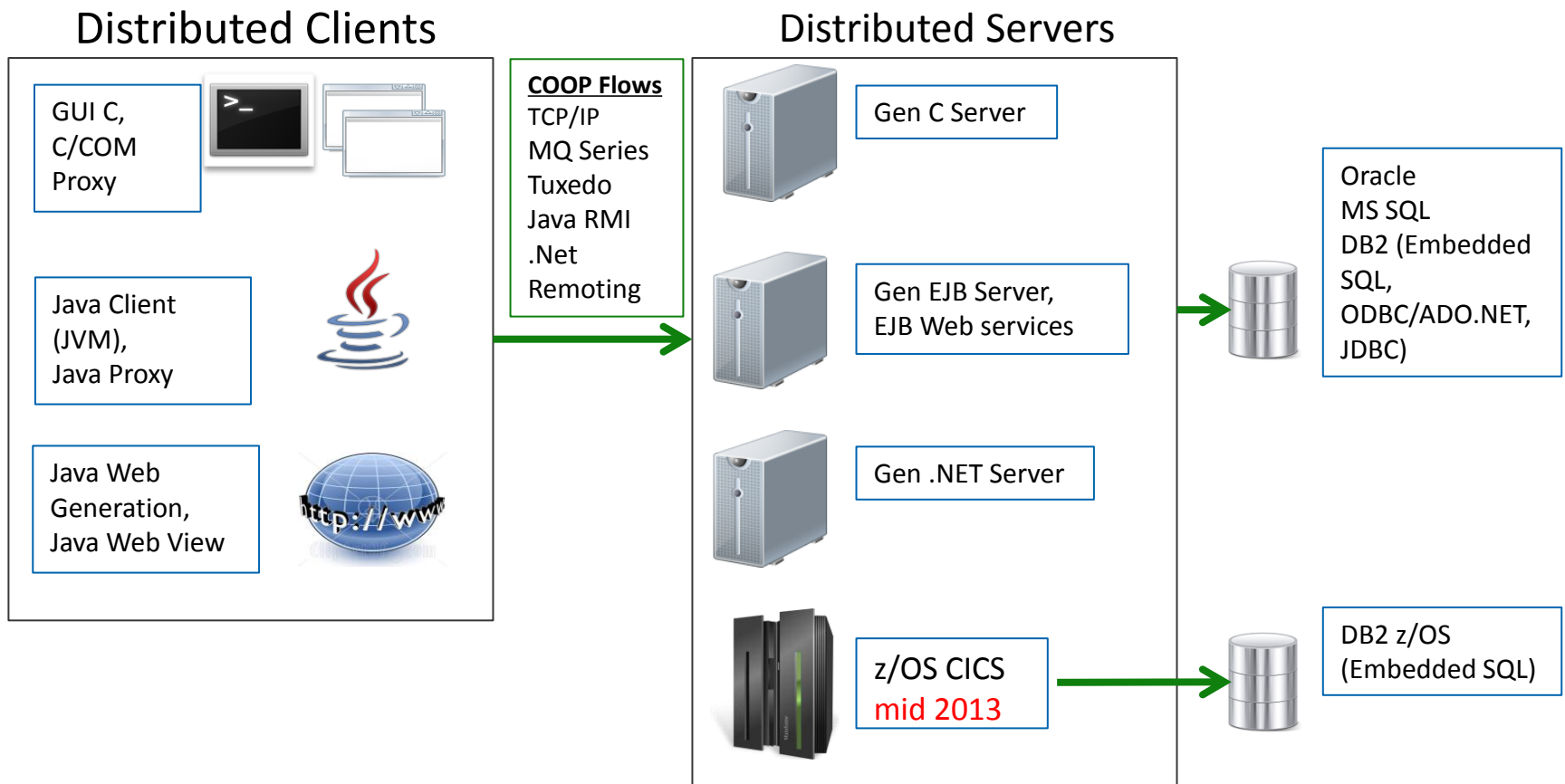
- Increased the amount of customer data that can be sent between CA Gen clients and Servers using Common Format Buffer (CFB) from 32K to 16MB
  - Windows\*
  - Unix & Linux (TCP/IP & MQ)\*
  - Unix & Linux (Tuxedo)
  - z/OS



\* Included in CA Gen 8 IE 2

# BLOB support for COOP applications

- Support for binary large objects for generated applications
  - create, read, update, and delete records containing BLOB attributes
  - create and consume records with BLOB attributes in EABs

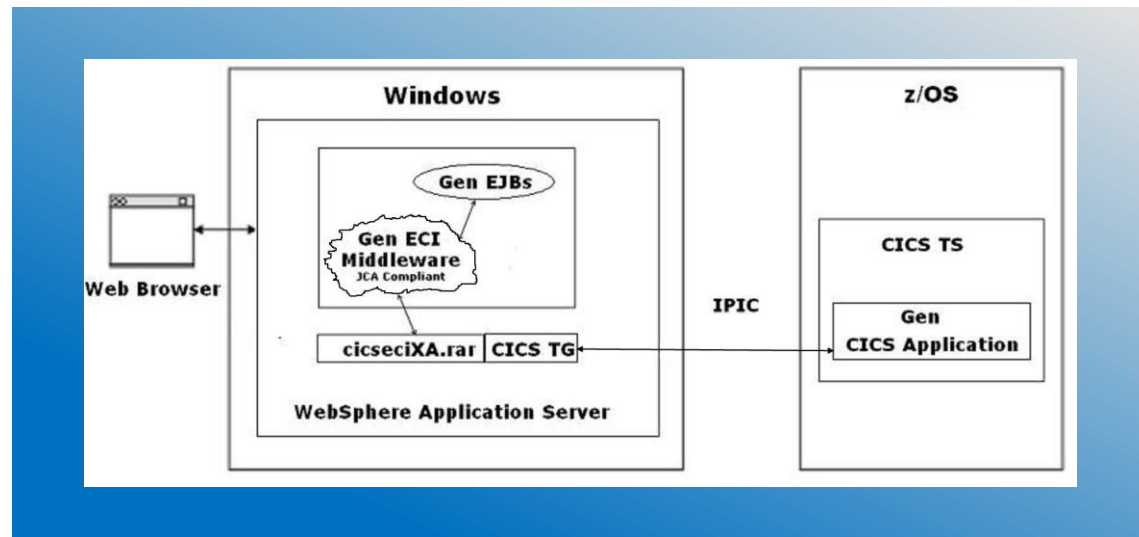


# 64 bit support

- Transaction Enabler and User Funnel upgraded to 64 bit
- For CA Gen 8.5, support 64 bit generated applications only
  - Recompile with correct flags
  - Regenerate required only when blockmode Profile Compression on
- Available for Solaris, AIX and Linux
  - Support for HP-UX Itanium already exists
  - Windows 64 bit was released with IE2
- 64 Bit Tuxedo available for Linux
- Keeps up with 3<sup>rd</sup> party 64 bit only API support
- Note: HP-UX Support is for Itanium based processor only

# Two Phase Commit

- extends the transaction scope of a CA Gen EJB application to encompass CA Gen CICS transactions
  - Supports calls to a CICS program on a CICS server through the ECI interface.
  - Provides Distributed Program Link (DPL) access to CICS applications over TCP/IP



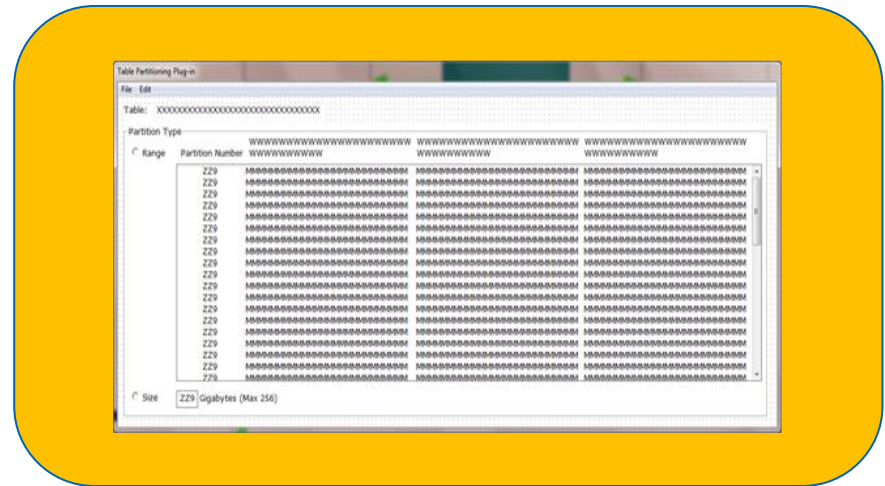
# DB2 Table Partitions and Table Space Partitioning Plug-ins

## – Table Partitions

- partition database tables based on the values of any column in the table to partition the table whenever the size of the partition exceeds a certain value

## – Tablespace Partitioning

- manage Tablespaces by allowing them to be partitioned based on growth or by pre-defining a number of partition ranges

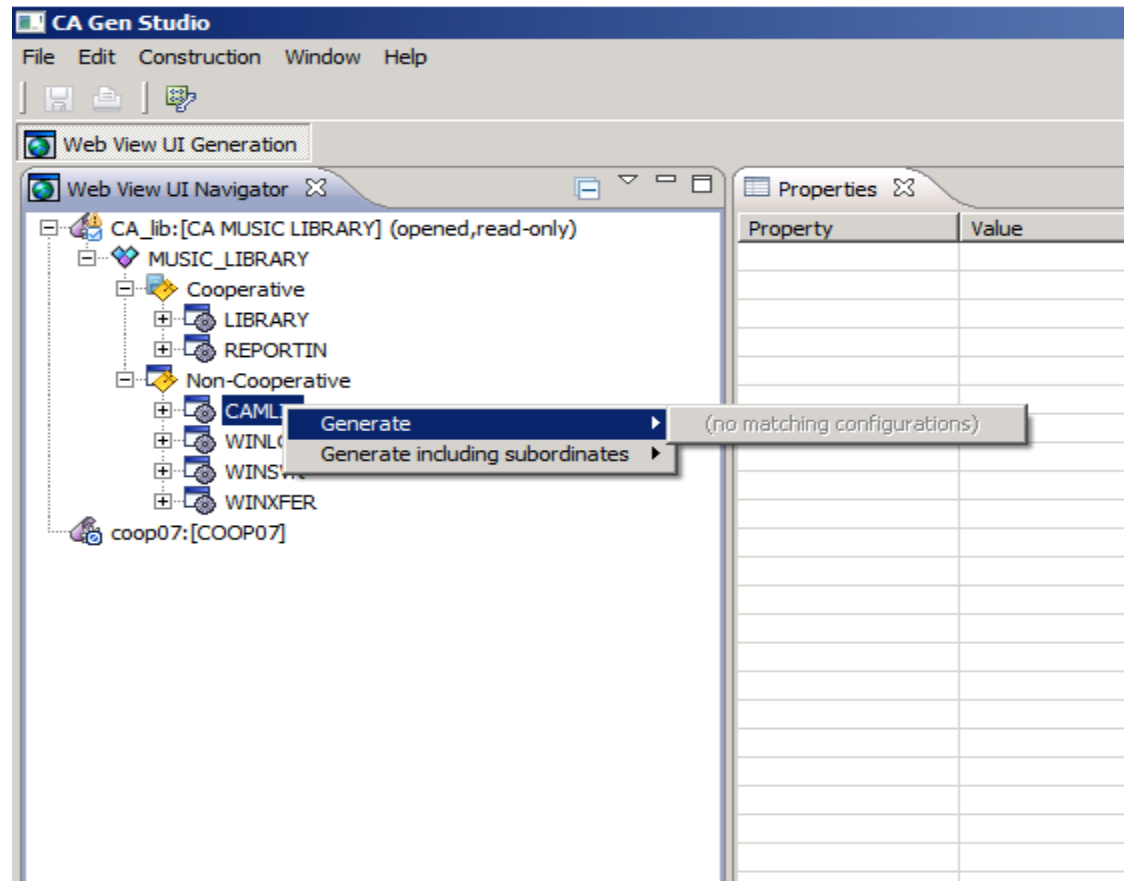


Available with DB2 version 9

Data is stored in the model and used by the DDL generator when generating CREATE TABLE and CREATE TABLESPACE statements.

# Web View generation

- Full generation for Web View clients from CA Gen Studio
- Maintain multiple generation configurations for each model
- Configurations may be added, modified, and deleted using the Generation Configuration dialog from within CA Gen Studio



- Top enhancement requests voted by EDGE members
  - Support dual monitors on same machine
  - DB2 Table partitioning
  - 64 bit Linux/Tuxedo
  - Java generation on Mainframe





## Deployment Wizard

- Enable CA Gen customers to quickly provision, deploy, and manage applications and supporting infrastructure in the cloud
- Combines strengths of CA's cloud platform, but also the flexibility provided by the System Z platform



# CA Gen 8.6 planned projects

- Continue performance enhancements in server runtimes
- Proxy generation from CSE
- Port the Linux solution to z/Linux
- Support for mobile devices
- Expand Web View features
- In-line code
- Expand CA Gen Studio to include data model designer
- Develop EJB Cross-Generation from z/OS
- Expose web services interface for CICS
- Productivity features to z/OS (Build Tool/DTU)



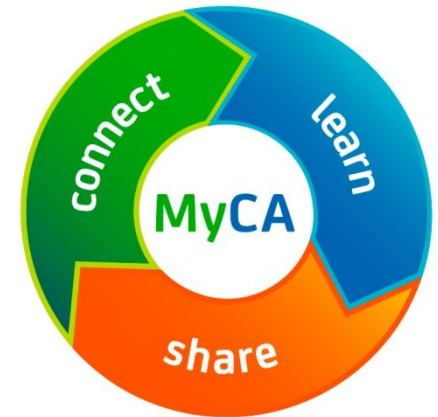
# CA Gen community

stay connected to other CA Gen users!



<http://ca.com/MyCA>

<http://linkedin.com/EDGE>



**CA Gen  
Global User  
Community**

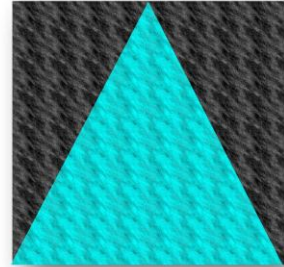
Join the CA Gen/EDGE Global User Community  
today at [www.ca.com/MyCA](http://www.ca.com/MyCA)

# CA Gen customer outreach – FY 2013



— Plano Texas USA

- Presentations from CA, Partners and Customers
- Lab sessions from both CA & Technology Partners
- “First Look” at CA Gen 8.5 in a lab environment
- Share expertise and experiences with other CA Gen users



**Information  
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**RESPONSE**SYSTEMS



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# CA World '13



# ca World'13

Mandalay Bay Resort & Casino  
Las Vegas, Nevada, US  
April 21 - 24, 2013

questions



thank you

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