IBM CICS Explorer

The New Face of CICS

CICS EXPLORER

John Knutson

Marketing Manager - CICS Tools

Joe Winchester

CICS Explorer Architect

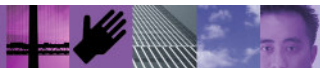*Nick Garrod*

Marketing Manager - CICS TS

Gary Barnett

Partner and CTO - The Bathwick Group

ON DEMAND BUSINESS

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Agenda

- **What is the CICS Explorer?**

- **Let's take a look!**

- **How to get the CICS Explorer SupportPac**

- **Community resources**

- **An analyst view: Gary Barnett - The Bathwick Group**

- **Questions**

IBM CICS

Putting the S in SOA

"CICS is **probably the most successful piece of software of all time** . . . It is the mainstay of business computing throughout the world . . . Millions of users unknowingly activate CICS every day, and if it were to disappear the world economy would grind to a halt."

Phil Manchester, Personal Computer Magazine

- Most of the top 50 Global banks use CICS
- Most of the fortune 100 use CICS
- 30 years and $1 trillion invested in CICS applications (IDC)
- 10,000+ CICS mainframe licenses worldwide
- 950,000+ concurrent users/system
- 5,000 CICS software packages from 2,000 ISVs
- 950,000 programmers earn their living from CICS
- CICS handles more than 30 billion transactions/day valued at over $1 trillion/week for 30 million end users of CICS Apps
- CICS TS v3 (SOA release) had fastest uptake of any CICS release.
  - 40% utilizing CICS Web Services capability

Large bank in China
  - 30 Million Txs/Hour
  - 9445 TPS
 - 99.9% Txs <400 Msec
  - Av Tx 200 Msec

Large Asian Bank
  - 14,250 TPS
  - 210 Million records deployed in <45 mins

- *CICS & z10 – making computing more affordable*

Although most people are blissfully unaware of CICS, they probably make use of it several times a week, for almost every commercial electronic transaction they make. In the whole scheme of things, **CICS is much more important than Microsoft Windows**."

Martin Campbell-Kelly, From Airline Reservations to Sonic the Hedgehog (A History of the Software Industry
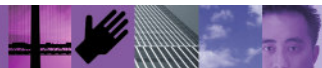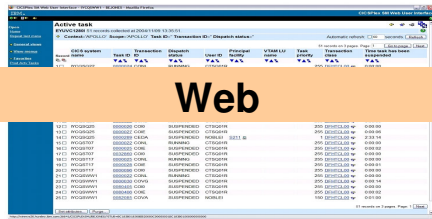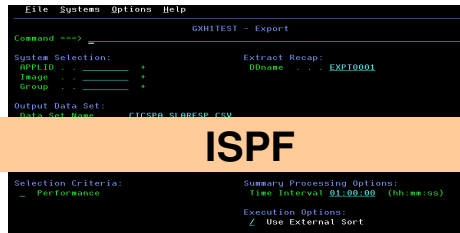
The changing face of CICS tooling

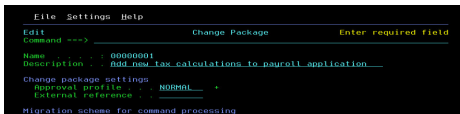**CICS Explorer reduces need for multiple interfaces**

Previously…

Now …

Web

ISPF

CICS 3270

Eclipse

Runtime

Performance

Config Management

Discovery

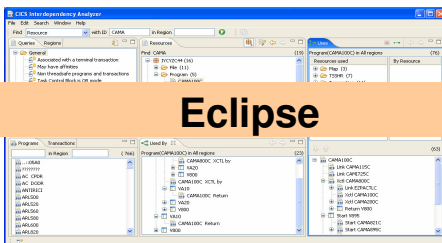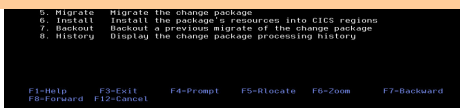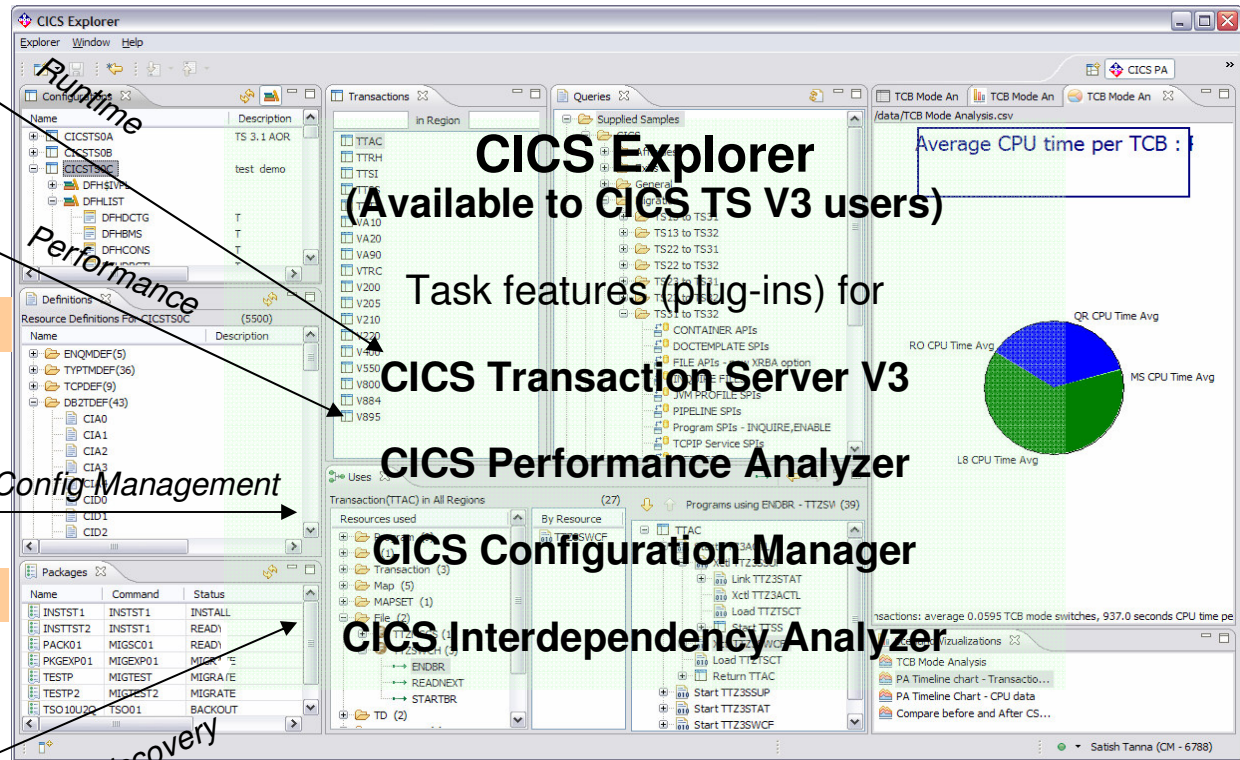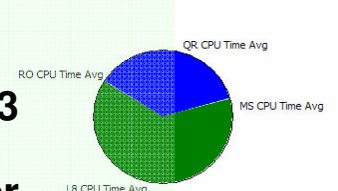**CICS Explorer
(Available to CICS TS V3 users)**

Task features (plug-ins) for

CICS Transaction Server V3

CICS Performance Analyzer

CICS Configuration Manager

CICS Interdependency Analyzer

*Coming …
ISV plug-ins*

IBM CICS Explorer - The New Face of CICS

- **Key features**
  - ▶ Common, intuitive, Eclipse-based environment for architects, developers, administrators, system programmers, and operators
  - ▶ Task-oriented views provide integrated access to broad range of data and control capabilities
  - ▶ Powerful, context-sensitive resource editors
    - ▪ Integrated in Rational Developer for System z V7.5
  - ▶ Integration point for CICS TS, CICS Tools, CICS TG, PD Tools, and Rational Tools
  - ▶ Extensible by ISVs, SIs, and customers
- **CICS support**
  - ▶ CICS Transaction Server for z/OS V3.1, V3.2
   - ▪ CICSPlex SM WUI server required for CICS resource views
- **Availability**
  - ▶ SupportPac available November 5 2008
  - ▶ Even more capability in 2009
  - ▶ More information at http://ibm.com/cics/explorer
- **Statement of Direction dated 5 Aug 2008**
  - ▶ http://www.ibm.com/common/ssi/rep_ca/8/897/ENUS208-248

Available now in CICS Explorer

- **CICS TS - Real-time resource status**

- **CICS IA - Resource dependency views**

- **CICS CM - Manage and Control resource definitions**

- **CICS PA - Performance data drill-down, Threadsafe analysis**

- **RDz - CICS resource definition**

- **Coming soon - Plug-ins for CICS TG and OMEGAMON XE for CICS**
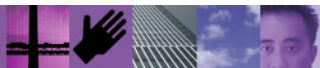
CICS Explorer helps to reduce development and admin skills

Problem

- **Losing vital System z professionals to retirement?**

- **Need to transfer knowledge, skills, and best practice to the next generation of technical staff?**

- **Must maintain productivity and protect service-levels?**

Solution

- **Intuitive navigation and revolutionary integration simplifies access to CICS development, administrative, and operations tools**
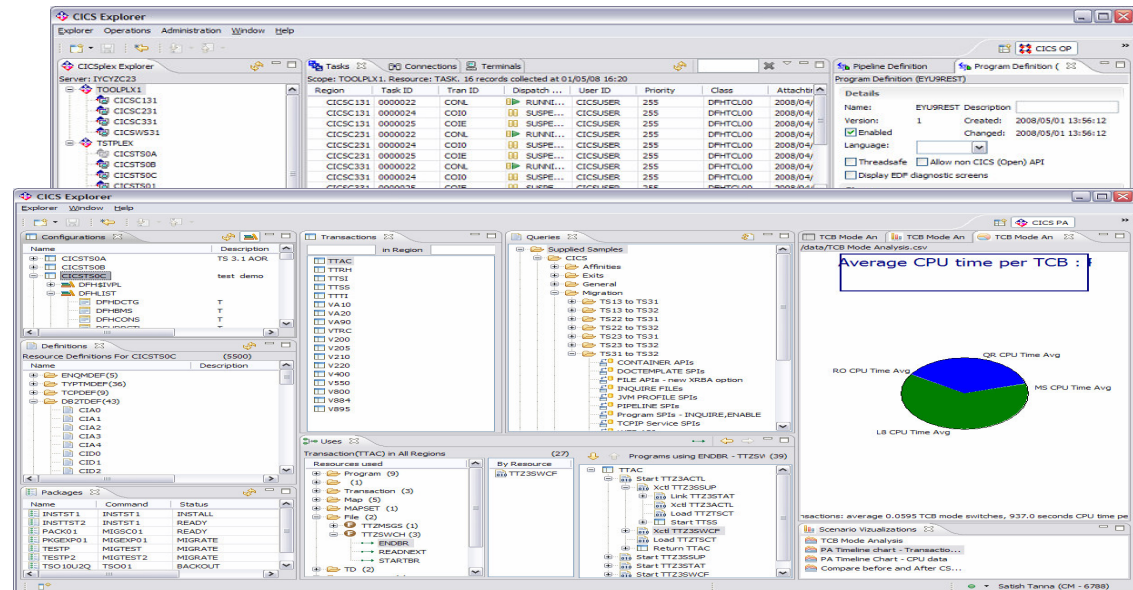
Value

- **Experts get the job done faster**

- **New hires more quickly effective**

Examples of feedback . . .

- "1000 times better than the previous UI." - Customer

- "I believe it will be greatly received in our environment. Two of our development groups are keen to try it as soon as it becomes available." - Independent Software Vendor

- "Much, much more intuitive", "A lot more room to grow**", "If you are not using it, or you're not trying it, well, you should!**" - Gary Barnett, The Bathwick Group

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CICS Explorer Demonstration

CICS Explorer SupportPacs

- **CS1J: IBM CICS Explorer for Windows SupportPac**
  - ▶ CICS Transaction Server for z/OS, V3.1, or later
  - ▶ Category 2 - un-supported

- **CS1O: IBM CICS Explorer for Linux SupportPac**
  - ▶ CICS Transaction Server for z/OS, V3.1, or later
  - ▶ Category 2 - un-supported

- **CS1N: CICS Tools Plugins for SupportPac**
  - ▶ CICS Configuration Manager (CM) for z/OS V1.2
  - ▶ CICS Interdependency Analyzer (IA) for z/OS V2.2
  - ▶ CICS Performance Analyzer (PA) for z/OS V2.1
  - ▶ Category 2 - un-supported

- **CS1R: CICS Explorer SDK SupportPac**
  - ▶ Integrate in-house, ISV, and SI tools with the CICS Explorer

- **Note that ALL of the CICS Explorer SupportPacs can be downloaded from the CS1J page** (http://www-01.ibm.com/support/docview.wss?rs=1083&context=SSGMGV&context=SSZPSF&context=SSNQZF&dc=D400&uid=swg24020718&loc=en_US&cs=utf-8&lang=en)
 **or from the CICS Explorer home-page ibm.com/cics/explorer**
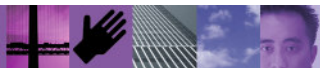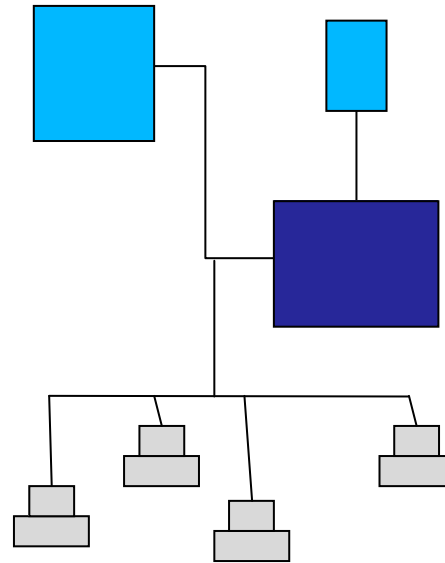
CICS Explorer - Community Ecosystem

- **CICS Explorer home page**

  - ▸ ibm.com/cics/explorer

- **CICS Explorer Forum**

  - ▸ FAQs, Links and resources, ISV Contributions, Ask questions, suggest improvements, report problems, dialogue

- **Twitter**

  - ▸ CICS Explorer news flashes on the IBM_System_z channel

- **Blog**

  - ▸ Comment and opinion at TheMasterTerminal.com

- **CICS eNews**

  - ▸ Subscribe for news about CICS and related products

Home page

CICS Explorer Public Forum

twitter

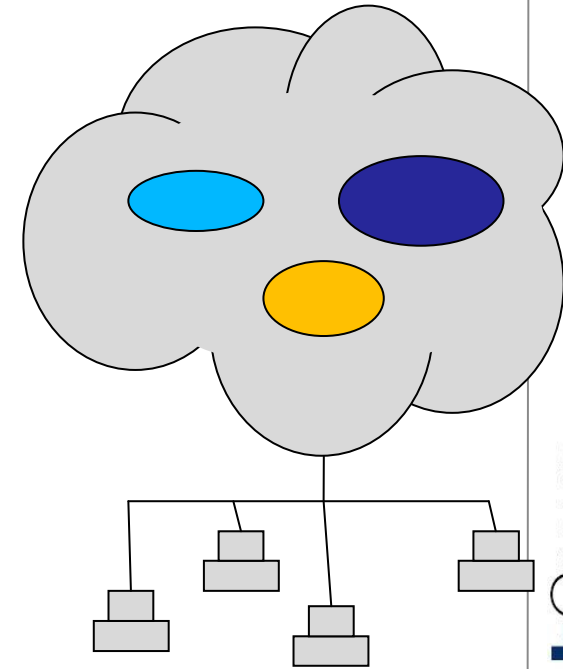**Blog**

eNews
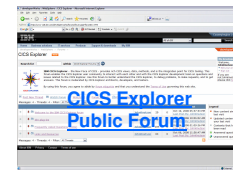
The Mainframe – then, now, tomorrow
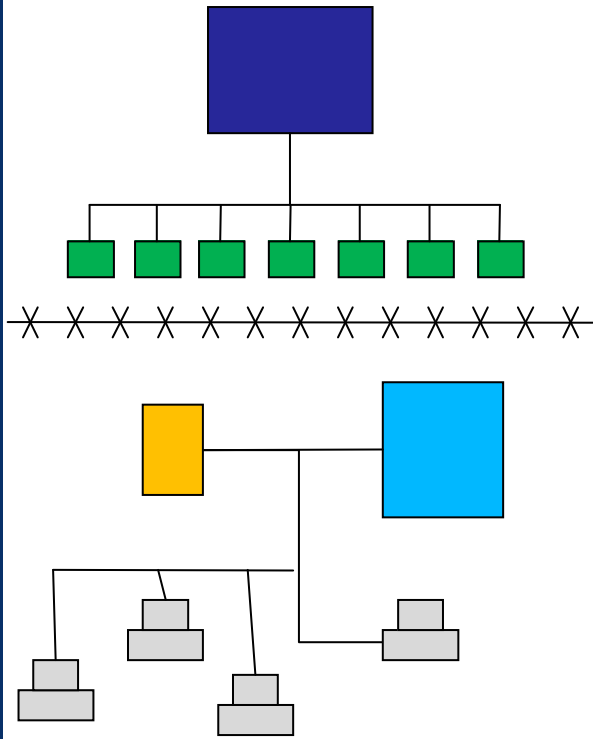
Then

Now

Tomorrow

The Mainframe

- Massive on-going commitment from IBM
  - Addressing value
  - Addressing the ecosystem
- Mainframe is more flexible than ever
  - Configuration, pricing
  - Workloads
- CICS Explorer will change the way you manage your mainframe
  - Use it.

Questions