

#### Heterogeneous Development using Rational<sup>®</sup> Team Concert<sup>™</sup> Eclipse and Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE

Sandeep Kohli (sandeep.kohli@in.ibm.com) Sreerupa Sen (sreerupa.sen@in.ibm.com)



**CRM27** 

© 2009 IBM Corporation



#### Contents

- What is the Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE?
- A quick tour
- Self-hosting: Real teams, Real insights
- Homogeneity in heterogeneity
  - ▶ Any resemblance to the RTC Eclipse Client is purely intentional ☺



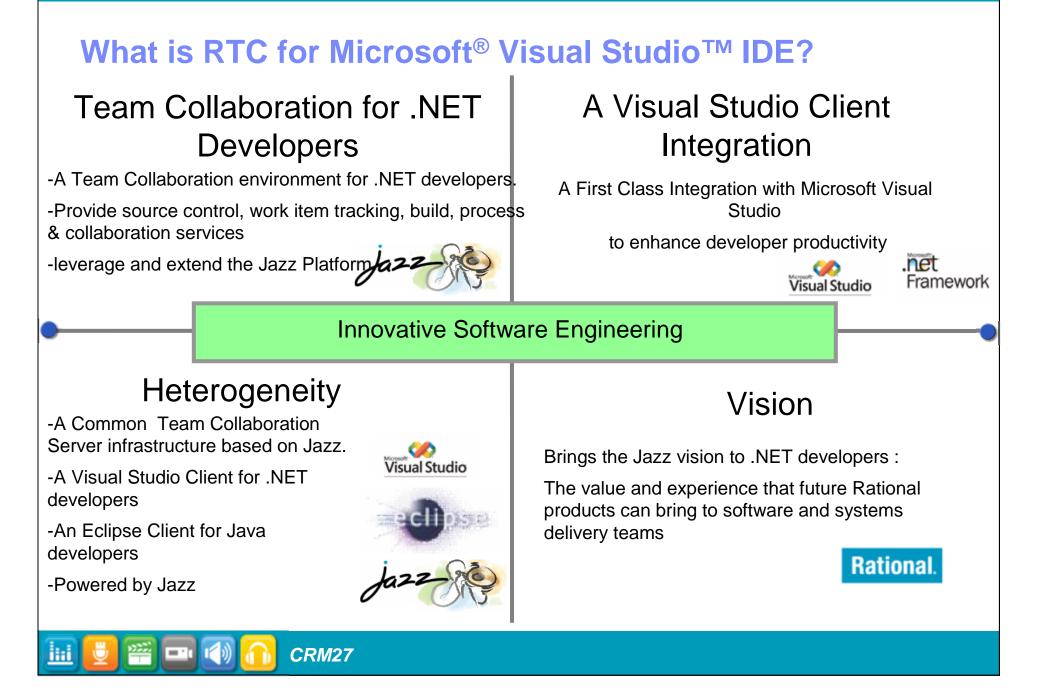


#### Contents

- What is the Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE?
- A quick tour
- Self-hosting: Real teams, Real insights
- Homogeneity in heterogeneity
  - ▶ Any resemblance to the RTC Eclipse Client is purely intentional ☺









## RTC for Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE

#### Natively implemented in Visual Studio

#### A first class integration into Visual Studio

- An extension of the Visual Studio IDE
  - Integrates into Solution Explorer, Options pages, Toolbars, Menus, Tool Windows
  - Integrates into Visual Studio as a source control provider
  - Integrated Help
- Supports Visual Studio 2005 and 2008
- Developed using WPF, the latest Microsoft UI technology
- The first Jazz client written in C#
- Follows Visual Studio international settings





#### Internationalization

 Available in all group 1 languages.

| Csapa: munkaeszkozei         Q         Team Corcer: keresés         Lerakat fajl bongésző         A         Függőser lévő ródosítások.         I         Lifemények         Módostásböngésző  | <ul> <li>Procura do Team Concert</li> <li>Navegador de Arquivos do Repositório</li> <li>Alterações Pendentes</li> <li>Histórico</li> <li>Explorador de Aterações</li> <li>Itens de Trabalho</li> <li>UI da Weo</li> <li>Construcões</li> </ul>  | <ul> <li>□□珍禱什</li> <li>□□珍禱什</li> <li>Tear Cencert 搜尋</li> <li>協行理 檔案/初時器(R)</li> <li>▲ 捐置i分変更(P)</li> <li>● 既程</li> <li>● 該理到瞭器</li> </ul> |
|---|---|--|
| Munkæelemek       Ø       Webes fe használói felüet       Összoópitósok       RTC napló   | Construções   | <ul> <li>ゴ作項目</li> <li>Web 使用者介面</li> <li>強器</li> <li>RTC 目誌(L)</li> </ul>   |
| Problížeč souhr File Edit View Projec   | : - Microsoft Visual Studio<br>t Build Debug Data Tools Test ReSha<br>t tools Test ReSha<br>tools tools Test ReSha<br>tools Test ReSha<br>t | A Windows Navegador de archivos de repositorio   |
| Artefauts da l'èqui.         Q       Artefauts da l'èqui.         Q       Recherche Team C         Navigataur des fil.       Navigataur des fil.         M       Modifications en at         B       Historique         Explorateur des m:       Eléments de travai         Interface utilisateur       Générations         Doumal RTC       Doumal RTC | oncert<br>iiers de référentiel<br>terte<br>bdifications   | ル・プランサー(K) A Modfiche ir sospeso<br>Cronologia<br>その Esplora modifiche   |

💾 Arcefatos de Equipe





#### **Installs and Downloads**

- Installable via IBM Installation Manager
- Downloadable from jazz.net
  - https://jazz.net/downloads/rational-team-concert/milestones/2.0RC2
  - ▶ 1.0.1.1, weekly integration builds, betas...



#### Focus

- Caters to teams developing in .NET
- Currently provides
  - SCM integration with VS.NET artifacts
  - Work Items integration
  - Build Integration
- Emphasis on Developer use cases
- Long term goals
  - Instant messaging
  - Iteration planning
  - Client side Advisors
- Supports heterogeneous teams in conjunction with RTC Eclipse





#### Contents

- What is the Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE?
- A quick tour
- Self-hosting: Real teams, Real insights
- Homogeneity in heterogeneity
  - ▶ Any resemblance to the RTC Eclipse Client is purely intentional ☺





#### RTC Visual Studio<sup>™</sup> at a glance

#### Visual Studio IDE extended with Jazz/RTC capabilities for

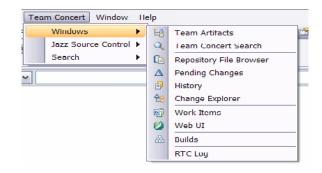
- Artifacts management
  - Repository connections, Project areas, streams, workspaces, components
- Work items management
- Build management

| Team Concert Window He | elp |                                 |
|------------------------|-----|---------------------------------|
| Windows >              | 1   | 👻   🔩 🚰 🐋 1                     |
| Jazz Source Control 🕨  | **  | Check-in                        |
| Search 🕨               | ×   | Disconnect Project(s) from Jazz |
|                        | •   | Add to Ignore List              |
| ·                      |     | Compare With 🕨 =                |
|                        | 1   | Show History                    |

- Repository search
  - Change sets, components, streams and workspaces, snapshots

#### RTC.NET Client - Microsoft Visual Studio

File Edit View Project Build Debug Data Tools Test ReSharper Team Concert Window Help



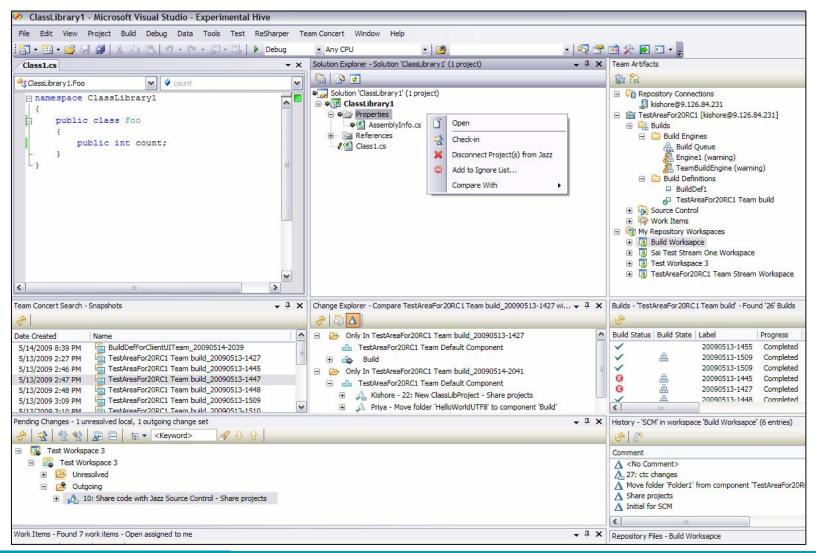
Source control management







#### RTC Visual Studio<sup>™</sup> at a glance

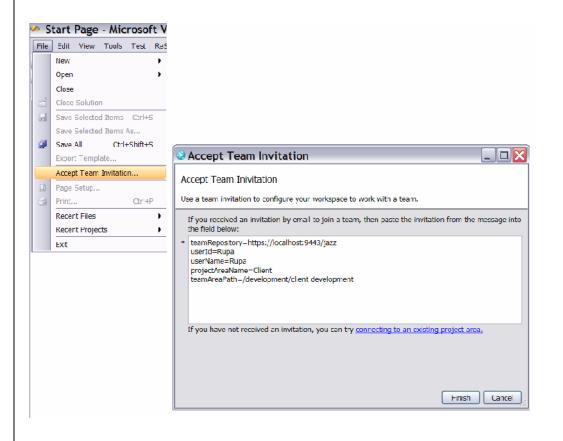






#### Getting initiated is a breeze...

When your team lead adds you to a team, you get an email.



All you need to do is to paste the contents of the mail into the Accept Team Invitation dialog box.





## Activating Jazz Source Control

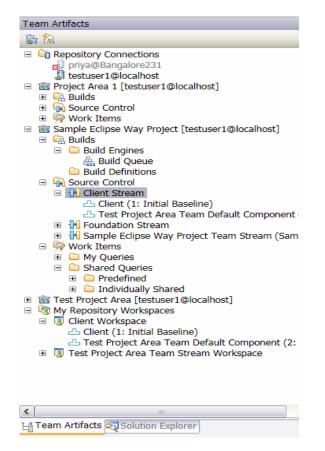
- Once you choose Jazz as your source control provider
  - A Source Control node will appear under each project area that you've connected to
  - Expanding Source Control will show you your team's streams and components
  - My Repository Workspaces will be populated with any existing repository workspaces that you may have.

| Options   | ? 🔀   |
|---|---|
| Environment     Projects and Solutions     Source Control     Plug-in Selection     Text Editor     Database Tools     Debugging     Device Tools     HTML Designer     Office Tools     Team Concert     Test Touls     Text Templating     Windows Forms Designer     Workflow Designer | Plug-In Selection:<br>Specifies the source control plug-in to use with Microsoft Visual Studio and<br>allows changes to plug-in specific options.<br>Current source control plug-in:<br>None<br>None<br>Jazz Source Control |
|   | OK Cancel   |



#### **Exploring your Repository : Team Artifacts**

- The Team Artifacts Tool Window is your window into the jazz repository
- Use the Team Artifacts Window to
  - Connect to Project Areas
  - Create and manage
    - Streams
    - Components
    - Workspaces
    - Snapshots
    - Work Items
    - Queries
    - Build Requests





#### Sharing a solution

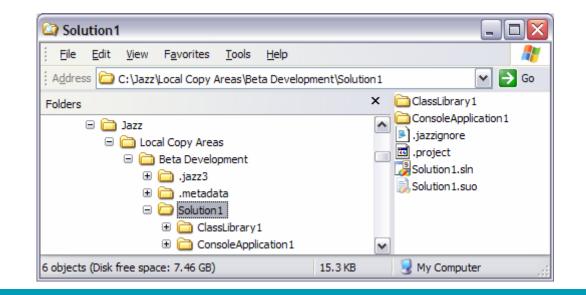
- To start checking in your sources to the repository, you need to share your solution
- A solution is shared into a Jazz component
  - The Microsoft recommended way is to have the physical file layout follow the solution structure
    - The solution file sits is in a root folder

**CRM27** 

The projects are in sub-folders

| Solution Explorer        | - † X        |
|--------------------------|--------------|
|                          |              |
| Solution 'Solution 1'    | (2 projects) |
| 😑 💵 📴 ClassLibrary 1     |              |
| Image: Image: Properties |              |
| - References             |              |
| Class 1.cs               |              |
| 😑 💵 📴 ConsoleAppli       | cation1      |
| 🗄 🛛 📴 Properties         |              |
| 🖃 🗁 🗁 References         | ;            |
| - ClassLib               | orary1       |
| 🛛 🗳 Program.cs           |              |

i Hi





#### Organizing your source code

- We support and recommend the best practices outlined by Microsoft team development literature
  - http://msdn.microsoft.com/en-us/library/ms998208.aspx
- Use a single jazz component/solution in simple cases
  - Does not scale well
  - Project dependencies result in frequent rebuilds of multiple projects event for minor changes
- Use a partitioned solution approach for scalable component based development

| _ |  |
|---|--|
|   |  |
|   |  |
| _ |  |
| _ |  |

# Multi-component development with Partitioned Solutions

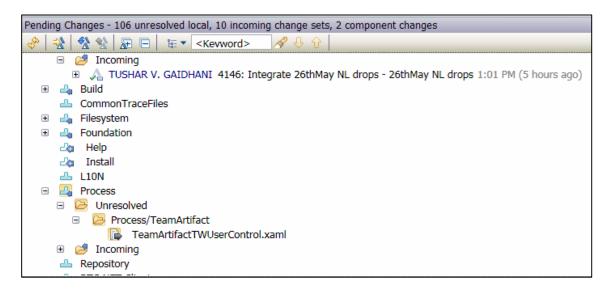
- Each component corresponds to a solution.
  - A project may be included in multiple solutions
  - A project is created in it's "home" solution
  - And referenced by dependent components/projects in other solutions, via project references.
- Separate solution files let you work in smaller sub-systems fairly independently.
  - Each sub-system corresponds to a jazz component.
    - Scalable
  - Rebuilds less frequently
- Having project references ensures that you always have the latest sources for components you depend on.
- You can have a master solution for system-wide builds.
- We followed the partitioned solution approach for the RTC Client for Microsoft Visual Studio.

🛄 💆 🞬 📼 🜒 🚹 CRM27



## Keeping in sync: Pending Changes

- Your window to your team's source code changes
- Lets you check in, deliver, suspend, resume, discard, reverse change sets
  - Resolve merge conflicts
  - Create snapshots and baselines





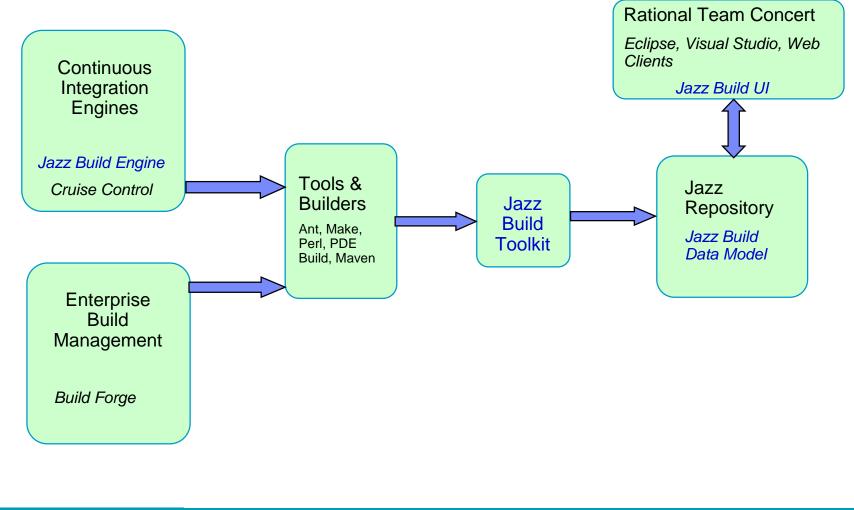
## Building your projects/solutions

- Jazz Builds are now accessible from Visual Studio IDE
- Developers can now do the following
  - Request Builds
  - Request Personal Builds
  - Monitor Build Activity
  - See Details of Individual Build and download associated artifacts
  - Create a repository workspace or stream from a given build





#### The Jazz Build Environment







#### Contents

- What is the Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE?
- A quick tour
- Self-hosting: Real teams, Real insights
- Homogeneity in heterogeneity
  - ▶ Any resemblance to the RTC Eclipse Client is purely intentional ☺





## Self-hosting in RTC for Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE

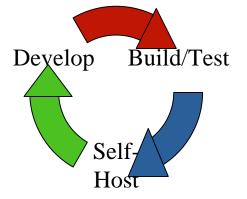
- We've been self-hosting in the RTC client in Visual Studio since October 2008
  - We started with
    - A plain vanilla Visual Studio IDE for development and
    - The RTC Eclipse Client for our Jazz Needs
  - As we integrated SCM, Work Items, Builds into Visual Studio we went to the Eclipse Client less and less
  - Since March 2009, we exclusively use the RTC VS Client for our day to day development
- Real teams, Real Insights, Real Results!





## Self-hosting (contd.)

- At the completion of each iteration, we selfhost.
- Our continuous and integration builds are Jazz builds
- We've integrated our builds with Microsoft's unit testing framework
  - Each build runs through all the unit tests
- We follow the develop-build-test-selfhostdevelop cycle







#### Real teams, Real Insights

- As we developed using the RTC Client for Visual Studio, we added features
  - Based on our self-hosting experiences
  - Improving the user experience for the Visual Studio developer





#### When we faced the music...

- Visual studio specific processing for SCM operations
  - Warnings for incomplete change set check-ins, to avoid build breaks
    - For example if you're checking in a new file, but forgot the associated project
  - Automatic reloading of multiple project files while accepting changes from other users
  - Filtering in Pending Changes: searching for specific files in your change sets or the change sets of your team
  - Project can be part of multiple solutions, but physically associated with one.
    - We let you share it from any location and also detect and warn you about it.





#### And...

- Background execution of long repository operations
  - enabling you to continue your work in Visual Studio in the meantime
- Support for code refactoring
  - Renaming a file preserves its history in the repository
  - Moving file(s) within a project preserves history as well
  - Moving top level folders across components preserves history
- Support for compare/merge
  - Automatic merge in most cases
  - UI-aided conflict resolutions





#### Contents

- What is the Rational<sup>®</sup> Team Concert<sup>™</sup> For Microsoft<sup>®</sup> Visual Studio<sup>™</sup> IDE?
- A quick tour
- Self-hosting: Real teams, Real insights
- Homogeneity in heterogeneity
  - ▶ Any resemblance to the RTC Eclipse Client is purely intentional ☺





#### Teams not restricted to

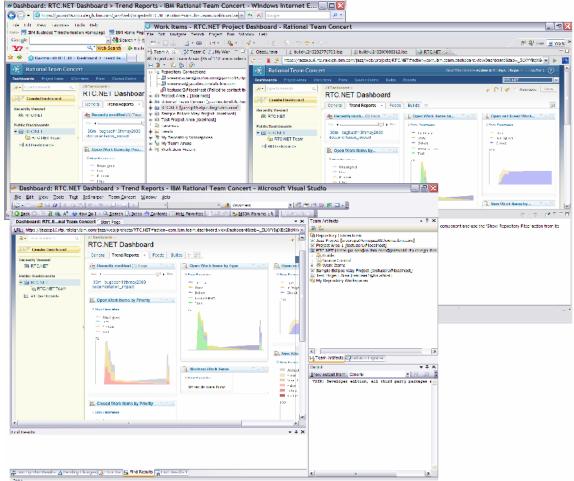
- Single Physical location
- Single Operating System
- Single Platform
- Single IDE
- Single Programming language





#### Homogeneity in Heterogeneous Teams

- One repository for all your artifacts
- Which means you share
  - Same Project and Team
  - Same Dashboard





\_\_ 🖻 🔀 tow 🗵 work 2 A 👌 🖘

#### Homogeneity in Heterogeneous Teams

elo edit vici រា - 🖾 - 💕 Work Blenn - 1

> ন্ট Delet 41 উ Delet 41 NN Queries Ev Closed Br

Wo k Lenn 🐲

- Same Process
- Same Builds Infrastructure
- Same Work Items and related information
  - Discussions
  - **Builds**

**₩** 

ini,

- Approvals
- Attached change sets

---

CRM27

|   | Work Items - RTC.NFT - Ration  | nal Team Concert  |
|---|--|---|
|   | Rie Stit Weigers Street English Rie Wi<br>English 2012 : ∰in de 1175 - 164 - 1   | btov Hyp  |
|   | Reference Constraints and the second se | ини — С. С. –   |
|   | All Popularia Team Areas (85 of 111 areas select<br>$\exists \ \mathbf{R} \in [\mathbf{S}, \mathbf{S}_{1}] [\mathbf{S}]$   | े 🗵 Defect 4114 - 🕹 🖓 🧐 🖓 🖓   |
|   | T-10 Repository Connections in a   | summary." Bugi teorg a workspece should have confirmation mostages for pending chan 🧹 Losso 💌 🗹 Hoos 🖤  |
|   | <ul> <li>If steerups some n.Dri.com/rjsz20016</li> <li>If steerups \$jarrdev braits brucen</li> </ul>  | • Description of  |
|   | <ul> <li>X-Mit Gaterial I van Concert [sezelectorolation<br/>— TR RTCNET   jezzop10.rtp.raiolgh.bm.com</li> </ul>  | Fyre:         B         Defect         Create Stream have bunch of write interaction messages (file workspace its being prested from a backpending charges, Bag backwarkspace shall have the same.           Security:         Image: Barnat         Im   |
|   | ≓ <sup>b</sup> % Britis<br>T a ≅ Daili Lagnes  | Severity: 😧 Harrad 🔹 Las pering danges, Dajhale var opporting have the same.<br>Found he - Have great   |
|   | F 1511 Integration struct<br>F 1000 estimation struct  | Creation Date: Hey 21, 2009 1 30 /M   |
|   | <ul> <li>ECONTROLING</li> </ul>  | Created Sy. Kuzz<br>Team Areas BICALT Featury (TICALT Sky   |
|   | gf UNsterration<br>gf continuous, tenst  | Tran Area Contra Frederizzatione and Transferration and Transf  |
|   | <ul> <li>mtcsl.ncnct</li> <li>integration.const</li> </ul>   | Topz deametator_mod   |
|   | # (An eccayonal of the Pers  | jazzariati n  |
|   | er 🔔 Repuits<br>an 14) Source Carbol   | Owned By: Rups M  |
| ation   | a 🖗 Werk Bons  | Triarty: Hestun M   |
|   | - Re Lorentee<br>La Mir Foods  | Record Rec: <a 1001a10.0<="" <="" bedreptied"="" builds="" failing="" href="https://www.extrans.com/wwwe.com/wwww.extrans.com/www.extrans.com/www.extrans.com/www.ext&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;td&gt;노력한 Wy Secretary Workspaces&lt;br&gt;회 🔁 Components&lt;/td&gt;&lt;td&gt;Instant&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;td&gt;a 😡 Elipa RTCAFT Cline RCI Vedepare&lt;br&gt;A 🐺 Repart CRLI Dependences RCI Ve&lt;/td&gt;&lt;td&gt;  Steel Links Approach [Links]&lt;br&gt;  Werk Trans S \ [2] The Clear] S Protocol (S Teen Addans' [2] topostary Star]   S + 2   b + ≤ +   S +   S +   A&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;td&gt;&lt;ul&gt;     &lt;li&gt;FO Rupa's RTCHET (OBSOLETE) Worksp&lt;br&gt;FO Rupa's RTCHET (OBSOLETE) Worksp&lt;br&gt;FO Rupa's RTCHET RTTACH&lt;/li&gt; &lt;/ul&gt;&lt;/td&gt;&lt;td&gt;First 25 work hours - Encound by the Current Terration&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;td&gt;h 70 Katels KTCHET Clott 1.0&lt;/td&gt;&lt;td&gt;  T Spore P S Suppose&lt;br&gt; 2  400 ≤ Cheel R S Despetented " in="" latest="" propo="" td=""></a> |
|   | ⇒ 図 Ruppia RTC.BTT Client Workspose 2.0<br>本 型 Ruppia RTC.BLT Client Workspose Ap  | 🖟 4121 — Restrict T & Decklosoftery king nunning operation what there are a lot of repositories per to a 👌 Supa 👘 Rupa<br>🖉 4191 — P Restrict T 🔮 407 fr. Systemogram-Falle 🖉 Topic   |
|   | <ul> <li>Fig. Repairs RTC NET Dependencies 1.0</li> <li>Fig. Repairs RTC NET Dependencies (1.1.4.)</li> </ul>  | 2 H121 Closed H & Dukkan is a non-lased doubt have can't reter increased for parting dimutes 2 Kapa 2 Kapa 4 H15 M Resetted B & Rand can decrease decrease decrease of a particular set   |
|   | <ul> <li>Impais KIK, nei Dependendes worts</li> <li>Impais RTC NTT Paper for des Worts</li> </ul>  | 🕼 4559 👎 Resched 👖 💶 Nitcher stringe in SCHUL blenkteranger, even from Schulteragereer een 👘 Rood 👘 Page  |
|   | gr 国 Rupple RTC.HTT Dependencies Works<br>加回 Creerupa RTC.HTT 2.0 Nyration<br>家 同 That May 7 448   | [a] 40.4 	→ Reschet []  |
|   | 🖶 🚯 Weeky key mendori Walapara 💷   | 10.8 Closel II = Intercent picker cutorsizes up you expand indies     10.8 Closel II = Intercent picker Closel Closel     10.9 Closel Closel     10.9 Closel Closel     10.9 Closel Closel     10.9 Close   |
| - IBM Rational Team Concert - Microsoft Visua   | al Studio  | 🗌 🔂 🗰 🕹 and the set of the se  |
| Tools Left Resparted Learn Fourter Wingon Rob   |  |   |
| 3 3 5 13 9 · 0 · 3 · 13 · 13 · · · · · · · · · · · · ·  | v 🙆 duarment   | • 现世也父国王·,  |
| 🗄 🍓 🗚 👹 How Do S - 🔍 Sparch 🗟 Index 🖓 Contents 🕅 Help F<br>4 Journal feam Concert 🗋 Jestiboard: Ki Cukunal Feam Concert 🥈 S   |  | রাগানার,<br>• x toum Anticuts • • গ x   |
|   | with the second s  | 1 P +   |
| l Team Concert 💦 🛛  | r Trbi I kanna explose in Gil dest   Rupa 😤   Log Gul  | Construction Connections     Security Con   |
| get Areas Work Berns Plans Source Consol Builds Reports   | III CAR  | Section 2015  |
| S Defect 4114   | al 2 🗟 🖑 👘   | E lig Builds  |
| reate Summary * Depressing a workspace should have co   | ninn 🗸 Olesod 🔤 🖌 Filod  | <ul> <li>A 1.0.11 mismation (cost)</li> </ul>   |
| oric tom o  | Losded May 30, 2008 5 15   |   |
| ann   |  | gr ming storationel<br>gr jernenspersonel   |
| a lype is Dolect w  | Owned By Rupa  | imiliarie         initiaries         initiaritiaritiaries         initiaries <t< th=""></t<>  |
| 9 South 🕘 Namai 💌   |  | A history Control   |
| Found in: Unaxerouned<br>Orealise Date: Nav21, 2000 1:35 AM   | Flanned For: 201802<br>Estimate: Correction:   | Work flores     Henseley Nickspaces   |
| Re Costelly Rope  | Time Boont   | S (Blues FTC HTT Clark RCL Workspace     S (Buss RTC) HTT Option Ten RCL Workspace     G (Buss RTC) HTT Option Ten RCL Workspace     G (Buss RTC) HTT Option TEN RCL     M (S)     M  |
| Project Aces R I C NE 1   | DarDala  | Control of the second of  |
| 25 work dema. Resolved by me Current Benchm   |  |   |
| 🤣 🏠 Columns *   |  | Harton Arthete Balancine Laphree  |
| Summary Owned<br>Tilesystem test "TestReptirst" failing in lates  |  | fed tare a Colput + 4 X<br>N 1001 X - Shave adjust funct teneral + U   U   U  |
| Deadlock/very long running operation when   | 🕈 Resolved 📑 🤤 5/28/200  | N /c/m Al WS19: Developer edition, all third party packages and   |
| Duplicating a workspace should have confirmation. Rupa  | <ul> <li>Cosod</li> <li>S/27/200</li> <li>Resolved</li> <li>S/21/200</li> </ul>  | 0 2:23 A  |
| Data lange of allowing in ACMOUT Descention over a literat  | <ul> <li>Resolved</li> <li>Resolved</li> <li>S/18/200</li> </ul>   | N 164 A   |
| Add a few generic error russages to 1000 k  | the solution <ul> <li>In the solution</li> <li>In the solution</li></ul>   | 0 058 A<br>0 050 P  |
| Project Areas and teams not sorted in the pr Rupa<br>Clicking on the "Open Demon tog" button c Rupa   | <ul> <li>Resolved</li> <li>S/18/200</li> <li>Resolved</li> <li>S/19/200</li> </ul>   | 0 1:13 Pl<br>N 9:40 A   |
| Project vices and come not sorted in the pro-<br>clicking on the "Open Demonstrug" build on co., & App<br>Final vardequese failing in batest build. A tra-<br>Beamteactificant does not how project areas. Aus<br>Could not track two different sandboxes eac Rus | ✓Closed = \$/29/200<br>★ Received = \$/29/200  | N 1807 A  |
|   | <ul> <li>Resolved</li> <li>S/26/200</li> <li>Closed</li> <li>S/29/200</li> </ul>   | 0 1:12 A  |
| Could not switch to a different sandhos by w Ruse   | 🕈 Resolved 📮 😐 S/18/200  | 8 ton 1 **  |
| eal .   |  |   |
| nd Rymbol Results 🛆 Pending Changes 🍰 Error List 💁 Fire Results 🤻   | End Receipt 1  |   |
|   |  |   |



### Our commitment

- People will work in the area of technology best suited to the requirements...
  - ... Rather than being restricted by their infrastructure.
- RTC clients will preserve the flavor of your favorite IDE
  - They are non-intrusive.
  - They're natively implemented for Eclipse and for Microsoft Visual Studio.
  - > They are first class integrations into the IDEs that they extend.
- Barring environment specific needs, the over all look and feel will be homogeneous across RTC clients in different IDEs
  - Should you switch from one IDE to the other, you will not get lost



#### The demo scenario

- Network Time Protocol
  - Server is in Java
  - Client is in C#

#### Like any project

- Defects move across components
- There are lots of discussions between team members
- > The same process holds: same approval rules, same delivery rules, same permissions...





## Demo





# **Coming Soon: Feeds**



| Edit <u>V</u> iew <u>D</u> ebug <u>T</u> ools Te <u>s</u> t <u>R</u> eSharper Team <u>C</u> oncert <u>W</u> indow <u>H</u> elp  |   |   |
|---|---|---|
|   | - 🎽   | ManagedThreadId 🔹 💀 😭 🔀 😥   |
| Start Page Feeds - Team Concert   | <b>→</b> ×  | Team Artifacts 👻  |
| My Teams in RTC.NET   |   | 🔓 🏠   |
| Showing 35 of 35 Items   Expand All         Today (1 items found)         Image: | <ul> <li>Search Text</li> <li>Exclude</li> <li>News Older one day</li> <li>Read News</li> </ul> | <ul> <li>Repository Connections</li> <li>sandeep.kohli@in.ibm.com@jazzop16.rtp.raleigh</li> <li>RTC.NET [sandeep.kohli@in.ibm.com@jazzop16.rtp.</li> <li>Build Engines</li> <li>Build Definitions</li> <li>1.0.1.1 integration.rtcnet</li> <li>continuous.rtcnet</li> <li>integration.rtcnet</li> <li>jlemieux.personal</li> <li>L10N.test.integration.rtcnet</li> <li>UIAutomation</li> <li>Source Control</li> <li>Work Items</li> <li>Feeds</li> <li>My Work Item Changes (72) [jazzop16.rtp.</li> <li>Build Events for My Teams (43) [jazzop16</li> <li>My Repository Workspaces</li> </ul> |
| [3] Fetching build results taking a lot of time (4130) 11:34 AM   |   |   |
| Workspace/stream picker does not return sorted data (4115) 11:34 AM   |   |   |
| [7] Undo from pending changes does not work at file level (4176) 2:31 AM  |   |   |
| Show All Items  |   |   |
| Farlier this Week (28 items found)  | <b>v</b>  |   |
| Error List  | <b>→</b> ₽ ×  |   |
| 🔾 0 Errors 👔 👔 0 Warnings 👔 0 Messages  |   |   |
| Properties 📸 Error List 🛕 Pending Changes 🧰 Output 🖼 Find Results 1   |   | Class View  |

| _ |  |
|---|--|
|   |  |
|   |  |
|   |  |
|   |  |
| _ |  |

| 👫 My Teams in RTC.NET  |
|--|
| Properties   |
|  |
| General  |
| Link: https://jazzop16.rtp.raleigh.ibm.com/jazz/service/com.ibm.team.rep |
| Title: My Teams in RTC.NET   |
| Settings   |
| Update feed automatically  |
| Update interval in seconds: 180  |
| Reload feed automatically on startup                                     |
|  |
| Limit<br>Limit number of items   |
| Maximum number of items: 400   |
|  |
| Limit age of items   |
| Days to keep news items: 0   |
| Ok Cancel  |











© Copyright IBM Corporation 2009. All rights reserved. The information contained in these materials is provided for informational purposes only, and is provided AS IS without warranty of any kind, express or implied. IBM shall not be responsible for any damages arising out of the use of, or otherwise related to, these materials. Nothing contained in these materials is intended to, nor shall have the effect of, creating any warranties or representations from IBM or its suppliers or licensors, or altering the terms and conditions of the applicable license agreement governing the use of IBM software. References in these materials to IBM products, programs, or services do not imply that they will be available in all countries in which IBM operates. Product release dates and/or capabilities referenced in these materials may change at any time at IBM's sole discretion based on market opportunities or other factors, and are not intended to be a commitment to future product or feature availability in any way. IBM, the IBM logo, Rational, the Rational logo, Telelogic, the Telelogic logo, and other IBM products and services are trademarks of the International Business Machines Corporation, in the United States, other countries or both. Other company, product, or service names may be trademarks or service marks of others.

