



IBM Software Group

Jazz/RTC Open Mic Series:  
ClearQuest Synchronizer  
Rational Team Concert 3.0

**Lorelei Ngooi**  
***RTC ClearQuest Synchronizer Component Lead, IBM Rational Software***

**Rational.** software



## CQ Importer

- One way import of records from a CQ user database into a RTC project area.
- Imported records are stored as work items in the Jazz repository.
- Imported data is based on a CQ query
- No relationship with the CQ Synchronizer. Part of the RTC client.
- Based on the Bugzilla importer
- Supports importing the following types of data
  - ▶ Notes, Attachments, Relationships
- Useful to teams who want to move from using CQ as their change mgmt tool to RTC.



## CQ Importer Limitations

- No UI for the mapping file
- Re-running the import will not update work items that were created from a previous import, but create new work items. So it's important to get the mapping and query right because you only have one shot when importing.
- Only imports CQ fields specified in a query which may not include what's in the mapping file. Has caused confusion for users.
- Does not support importing stateless record types



## CQ Synchronizer

- A ClearQuest database can be connected to one or more Jazz project areas on one or more Jazz servers
- Connects CQ record types to analogous Jazz item types
  - ▶ Work items, work item categories, work item attachments, and contributors can be connected
- Changes in one system flow to the other system and vice versa
- Synchronization rules provide the mapping and transformation info in specifying how changes are applied
- Supports CQ 7.0 and above



## Why use the synchronizer?

- Incremental adoption of RTC
  - ▶ Individual projects/teams can choose to start using Team Concert while still being able to collaborate with teams using ClearQuest
  - ▶ Teams can adopt more agile development practices and then reconnect to the “mother ship” for integration/delivery of their work
- Separation of development and support
  - ▶ Development teams are free to choose their development environment of choice without affecting interaction with other stakeholders
  - ▶ Connection is (mostly) transparent; teams see only the tools they are familiar with



Any Questions?

