





Automating Delphi Process Using Jazz

• Goals

- Provide students with estimating experience
- Enable distributed collaboration using Delphi process

Project Activities

- Automate Delphi Process using Team Concert work items and Jazz plug-in
- Define RTC Work Item types for Delphi process and estimation process
- Develop Jazz plug-in to create a Delphi process for any Jazz Work Item
- Creates set of WIs with appropriate parent-child relationships and owners
- Leverages Jazz notification for users to participate in Delphi process
- Track and schedule like any other Work Item (queries, reports, plans)

Delphi Parent Workfl Start action: ⇒ Init		olve action: 🔿 Resolve	Reop	en action: 💍 Reopen	 ✓ Links ✓ 2. Children
 Transitions 					205: Participant: Estimation of "Make a Pizza"
From	To 😚 Discussion	💷 In Progress	🚸 New	Resolved	 206: Participant: Estimation of "Make a Pizza" 207: Participant: Estimation of "Make a Pizza"
of Discussion	<none></none>	Resume 🔹	None 🔫	None 🔻	⊿ E Related
💷 In Progress	රිට් Discuss 👻	<none></none>	None 👻	Resolve 👻	203: Make a Pizza
🔗 New	None	Start Working 👻	<none></none>	None	Overview Links
Resolved	None	None 🔻	👌 Reopen 👻	<none></none>	Overview Links

Delphi process Work Item definition

Details		
Owned By:	jdoran	•
Planned For:	Unassigned	+
Priority:	Unassigned	•
Due:	None	
Standard Deviation Threshold:	1	
Maximum Estimation Rounds:	3	
Current Estimation Round:	2	
Weighted Estimate Average:	4	
Weighted Estimate Standard Deviation:	2	

Delphi Process Work Item after 1 round

Applying Jazz Processes for Implementing the Software Enterprise

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Automatic creation of Work Items and relationships

ssion (2 comments)

loran, May 14, 2009, 10:39 PM Best Case Estimate: 1, 3, 4 Norst Case Estimate: 3, 6, 8 Expected Case Estimate: 2, 4, 7 Weighted Estimate: 2, 4.17, 6.67 Weighted Estimate Average: 4.28 Weighted Estimate Standard Deviation: 2.34

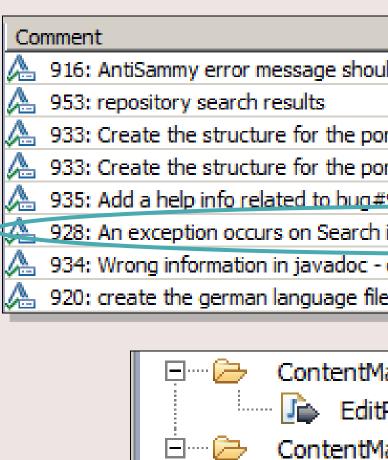
doran, May 14, 2009, 10:39 PM Round 1:No Consensus Reached

Using Jazz for Agile Education in Capstone Courses

• Goals

Project Activities











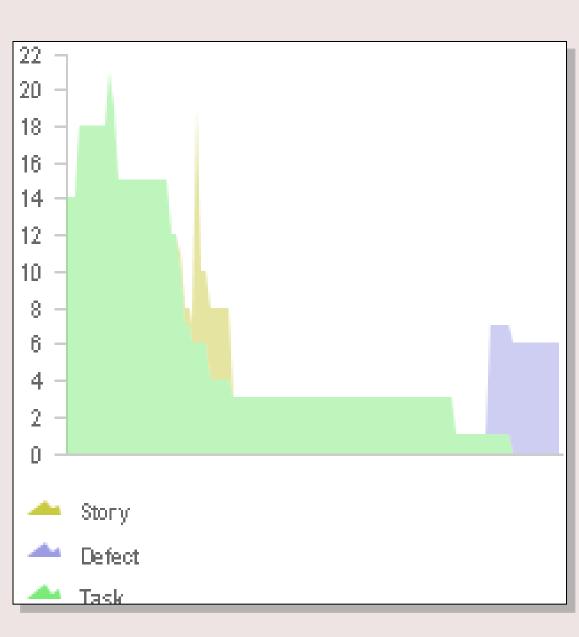
• Teach students latest agile best practices – continuous, adaptive, process-assisted • Allow student to focus efforts on project work, not ALM products and integrations • Decrease instructor workload managing ALM product installations and integrations

 Replace ad-hoc toolset with Jazz repository and Team Concert clients • Instruct student on agile best practices using Team Concert • Managing work – work item customization, work planning, work burndown • Continuous integration – streams, change sets, associating with work • Quality and Status – metrics, dashboards, reports

Tean	Team Iteration: M1 (1/29/09 - 2/8/09) <u>26 Closed</u> <u>0 Open</u>						
			Group by				
D	Progress: 44 / 44 h Estima	ted:	Planned Time				
	No Open Work Estimated		Sort By				
	Progress: 0 / 0 h Estimate	d: 0%	Scheduled Time				
	Progress: 11 / 11 h Estima	ted:					
			Bars				
			Progress 💌				
	Progress: 16 / 16 h Estima	ted:					

Iteration Plans using Jazz

	Creator	Date Created					
nessage should be modified	⊖ yalcink	Mar 21, 2009 12:08 AM					
results	⊖ misaghm	Mar 20, 2009 5:06 PM					
re for the portlet HELP mode	⊖ misaghm	Mar 20, 2009 10:33 AM					
re for the portlet HELP mode	⊖ raymondt	Mar 19, 2009 9:15 PM					
ated to bug #925	🖯 misaghm	Mar 19, 2009 7:19 PM					
rs on Search if no keyword is	⊖ misaghm	Mar 19, 2009 7:07 PM					
in javadoc - conjection on jav	⊖ yalcink	Mar 19, 2009 10:21 AM					
language file	⊖ raymondt	Mar 18, 2009 11:16 AM					
ContentManagementPortlet/src/edu/asu/cms/view							
EditPostView.java							
ContentManagementPortlet/src/properties/languages							
de.properties	de.properties						
en.properties	en.properties						
 LanguageProperties.j 	LanguageProperties.java						



Work Burndown

Automatic tracking of student effort

