

tjTalk School Question Forum

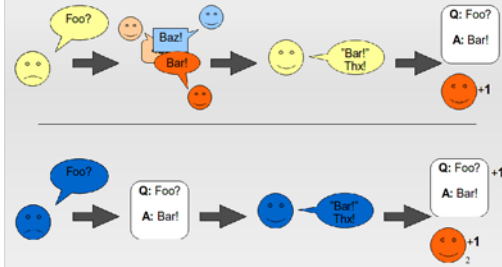


Project Proposal

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"School Question Forum"?



Objectives



- Free and open-source school question forum
- Extremely easy to use and intuitive
- Will implement AI for:
 - Searching the Question DB
 - Finding the right place in the DB for new questions
 - Recommending answerers for questions (maybe)
- Written in Zope 3 open source application platform
 - Composed of Python, XML, ZPT

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Techniques



- eXtreme Programming (XP)
 - Do what users ask for – user stories
 - Always test substantial materials
 - Use tests to eliminate bugs
- Testing
 - Zope functional and unit testing

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Resources



- SchoolTool
 - Free and open-source school information system
 - Written in Zope 3
 - tjTalk depends on and is a module of SchoolTool
- Launchpad (www.launchpad.net)
 - Online project management
 - www.launchpad.net/tjtalk
 - Used for: Bazaar source repository, bug tracking, blueprints (user stories)

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User Stories (so far)



- By Me – Trunk Project
 - Question forum functionality **Complete!**
 - Artificial Intelligence **Up next**
 - Regular forum functionality **Deferred**
- By Jeffrey Elkner (www.launchpad.net/~jelkner)
 - Integrate tjTalk into SchoolTool **Done!**
 - Feature to turn a student's "helpfulness" in a specific subject/topic into a grade recorded in the SchoolTool Gradebook **Pushed to ST team dev**

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Final Objective



Deployment At



TJHSST



Arlington
Career Center



General Use on the Internet?