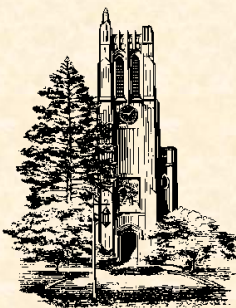


MICHIGAN STATE  
UNIVERSITY

## Technical Specification / Schedule FixPack Publishing Tool



Team 5: IBM  
CSE 498, Collaborative Design

Andrew Daniels  
Tom Castellani  
Mike Haine  
Richard Shultz

Department of Computer Science and Engineering  
Michigan State University

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## S Project Overview

- Create an Eclipse Based PlugIn for publishing FixPacks to a centralized repository.
- Must be able to modify FixPack metadata from FixPacks stored locally.
- Allow users to create and modify FixPack metadata templates for new FixPacks.
- HTTP based methodology for dynamic updating of the Tool.

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## Functional Specifications

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- Extract metadata from current FixPack and reformat it to a standardized XML format.
- Individual fields of existing Fixpack metadata can be modified after initial creation.
- Create a user interface which allows for the user to quickly edit FixPacks metadata.
- Allow users to bulk publish thirty to fifty FixPacks quickly and efficiently via FTP.

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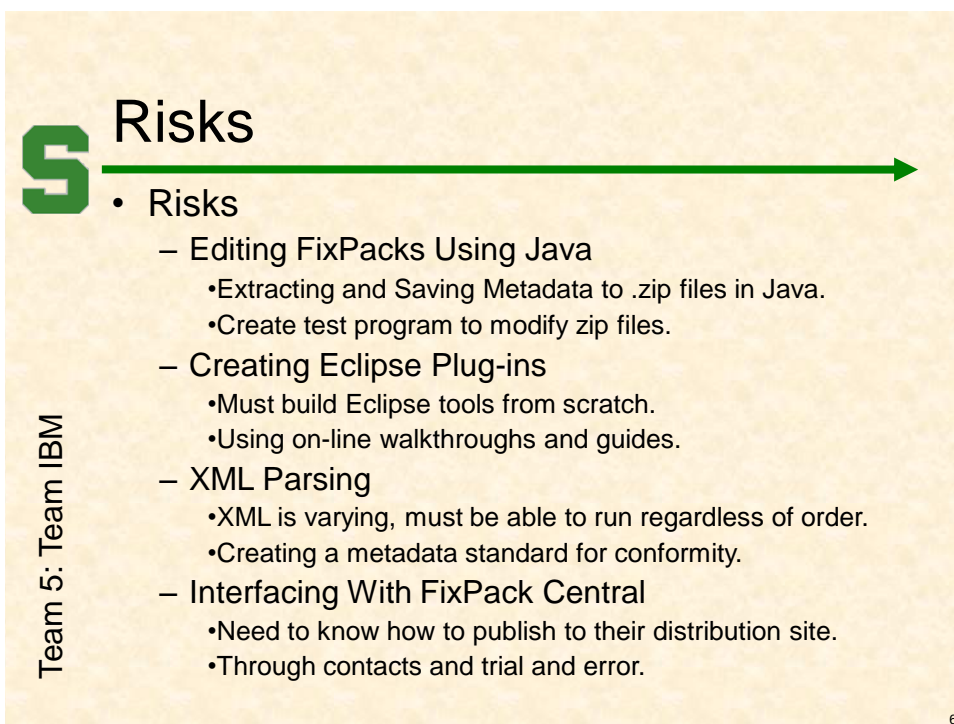
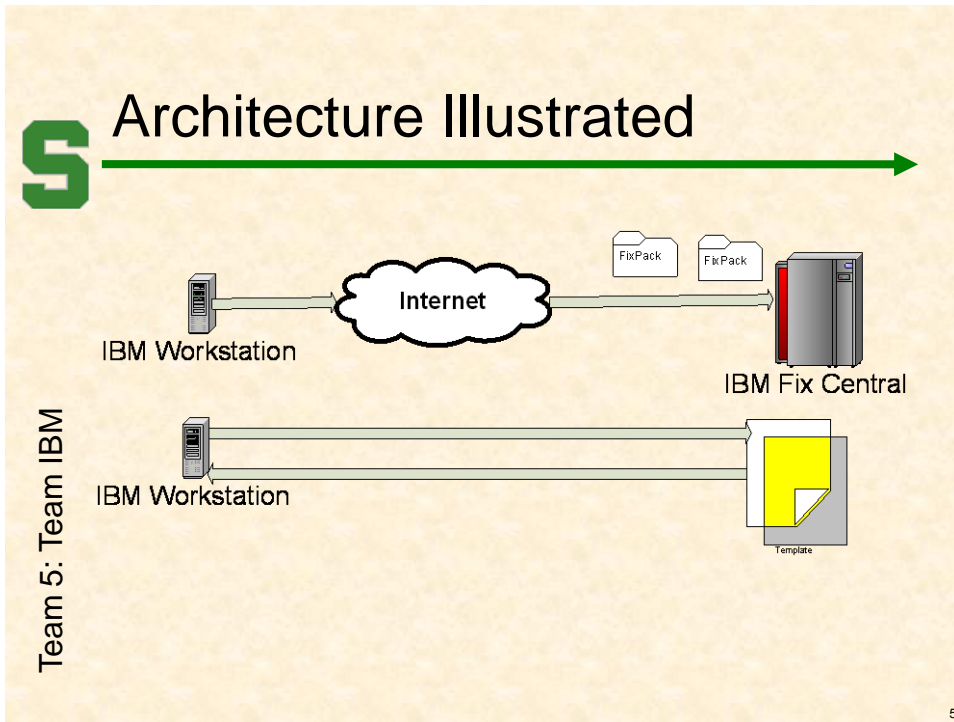


## System Components

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- Hardware Platforms
  - IBM Lenovo Think Centre.
  - IBM System X3400.
  - Dell Power Edge 850.
- Software Platforms / Technologies
  - Must run on Windows XP and Linux.
  - Eclipse IDE.
  - Eclipse SWT.
  - Java.
  - XML.

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## Project Schedule

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1. GUI Creation
  - a) Create a GUI prototype.
  - b) Date: 9/22
2. FTP Updating
  - a) Have FixPacks being written to FTP.
  - b) Date: 9/22
3. XML Parsing
  - a) Extracting metadata from FixPacks.
  - b) Date: 9/29
4. Alpha Demonstration
  - a) Have a program with basic functionality
  - b) Date: 10/06

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## Project Schedule

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5. XML Generation
  - a) Develop a standard XML format for metadata.
  - b) Date: 10/13
6. GUI Completion
  - a) GUI functional and approved by client contact.
  - b) Date: 11/01
7. Beta Demonstration
  - a) Complete functionality of Creating FixPack.
  - b) Date: 11/03
8. Modifying FixPacks
  - a) Users can modify previously created FixPacks.
  - b) Date: 11/17

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## Project Schedule

### 9. Create Templates

- a) Allowing creation of new FixPack templates.
- b) Date: 11/17

### 10. Modifying Templates

- a) Modify the format of new templates.
- b) Date: 11/17

### 11. Project Video

- a) Create a complete video showing a use case.
- b) Date: 12/01

### 12. Design Day

- a) Have a completed project and video.
- b) Date: 12/05

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