

The Archeology of Legacy Systems

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Agenda

- **Circumstances**
- **Goals**
- **Methods**
- **Work products**
- **Process issues**

Circumstances

- **Loss of support**
- **Reorganization**
- **Disaster recovery**

Goals

- **Bug fixes**
- **Enhancements**
- **Migration**



Methods - User interviews

- **User types**
 - Functions
 - Workflow steps
 - Permissions
 - Locations

Methods - User interviews

- **Scenarios**
 - Typical
 - Extraordinary
 - Periodic

Methods - User interviews

- **Data**
 - Normal
 - Invalid
 - Boundary
 - Environment

Methods - System analysis

- **User interface**
 - Data feeds
 - Input forms
 - Windows
 - Web pages
 - Reports
 - Electronic output

Methods - System analysis

- **Middle tier**
 - Processes
 - Data objects
 - Workflow
 - Administration and security
 - Replication

Methods - System analysis

- **Hardware**
 - Data servers
 - File servers
 - Internet servers
 - Firewall

Methods - System analysis

- **Environment**
 - Operating system
 - Browser
 - Office tools
 - Custom applications

Methods - System analysis

- **Database**
 - Tables
 - Stored procedures
 - Triggers
 - Caches
 - Open servers

Work products - Requirements documentation

- **Design requirements**
 - Functionality
 - Performance
 - Security
 - Acceptance criteria

Work products - Requirements documentation

- **Use cases**
 - “Game show”
 - “Soap opera”
 - “Historical novel”

Work products - System documentation

- **User interface**
 - User type list
 - User interface component inventory
 - User interface elements inventory
 - Data elements specifications
 - Control elements specifications
 - Message list

Work products - System documentation

- **Middle tier / hardware / environment**
 - Data itinerary
 - Program rules list
 - Operations guides
 - Standards documents

Work products - System documentation

- **Database**
 - System architecture schema
 - Data dictionary
 - Procedure inventory
 - Data model
 - Data flow schema

Process issues

- **Roles and responsibilities**
 - Product manager
 - Project manager
 - User experts
 - Developers
- **Documentation maintenance**
 - Repository
 - Resources



 WILEY

The **Accidental Project Manager**

Surviving the
Transition
from Techie
to Manager

Patricia Ensworth

