

ISO/IEC 29110

An Introduction

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Outline of this session I

- 1 Background to ISO 29110
- 2 Growing Support for ISO29110
- 3 Comparision with CMMI
- **4** Project Management Processes
- **5** Software Implementation Processes
- **6** Oncloud Supporting Software



Human nature

- Distractable
- Forgetful
- Mind fills in the holes

https://www.youtube.com/watch?v=xcUOTrlpSuI



Consequence of Human Fragility















documented



installed



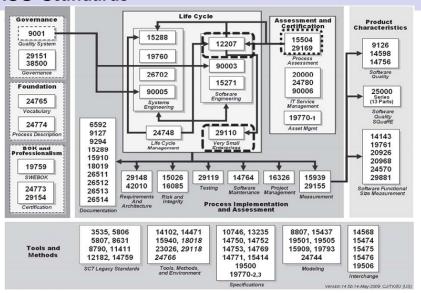






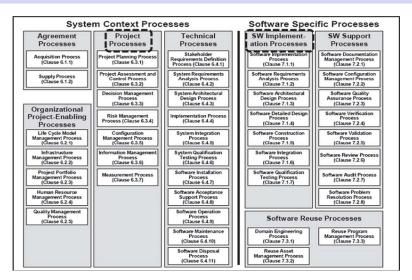
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ISO Standards





ISO Standards for Lifecycle Management





Growing support for ISO 29110

Countries Teaching ISO/IEC 29110 Haiti

Argentina



Belgium

Ireland



Brazil

Japan



Canada



Mexico



Czech Republic



Peru



Finland



Thailand



Germany

Uruguay

Support for ISO29110







Thai eBook on ISO 29110





CMMI vs ISO29110 Project Management

СММІ	ISO 29110
Project planning	Project planning
Project monitoring and control	Project plan execution
	Project assessment and control
	project closure
Requirement management	Change requests
Configuration management	Version Control Strategy
	Configuration
Process and product quality assur-	Software quality assurance
ance	
	Implement validation and review
	task performed

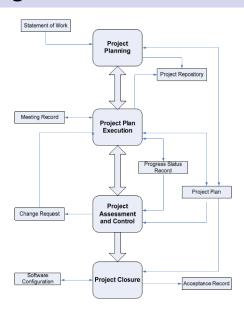


CMMI Engineering vs ISO29110 Software Implementation

CMMI	ISO 29110
Project planning	Software implementation
Requirements management	Software requirements analysis
Requirement development	
Technical solutions	Software architectural and detailed
	design
	Software construction
Requirements management	Prodcut delivery
	Traceability to requirements
Verification	Software integration and tests
Validation	



Project Management



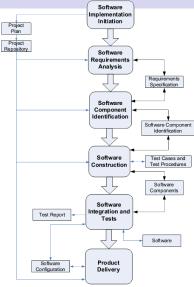


Project Management

- PM Input Products
 - Statement of Work
 - Software Configuration
 - Change Requests
- PM Internal Products
 - Change Requests
 - Meeting Records
 - Progress Status Record
- PM Output Products
 - Project Plan
 - Acceptance Record
 - Project Repository
 - Meeting Record
 - Software Configuration



Software Implementation



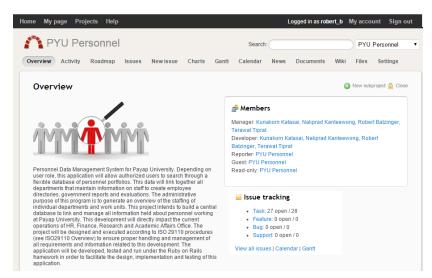


Software Implementation

- SI Output Documents
 - Requirements Specification
 - Software Component Identification
 - Test Cases and Test Procedures
 - Software Components
 - Software Configuration
 - Software
 - Test Reports
 - Product Delivery
 - Acceptance Record
- SI Internal Documents
 - Change Request
 - Meeting Record
 - Progress Status Record

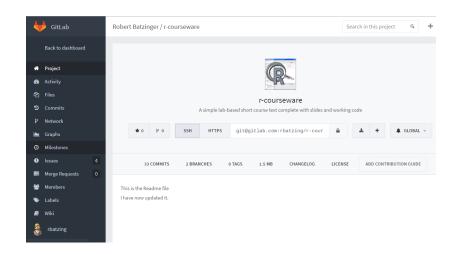


www.hostedredmine.com





www.gitlab.com





www.github.com

