



# Efficient Development

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*2007.02.01*

Rinat Abdullin  
Landor Systems

# Team Meeting

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## ■ Past

- Cheers
- English
- Success

## ■ Present

- Issue Management
- Analysis tasks and personal profiles
- Development workflow

## ■ Future

- Development Environment 2.0
- Planned Tasks

# English Language

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English is the common development and IT communication language

# English Language

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Only English must be used in:

- Code Comments
- Subversion commit messages

# English Language

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It is recommended to use English in:

- Analysis notes
- BugNET comments
- Documentation articles

# English Language

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Do not use automatical translators when writing notes/articles!

# Past

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Questions?

# Team Meeting

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# Issue Management

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- In-House BugNET changes
- Difficulty Level
- Fixed in version

# BugNET 0.7.758.0

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## idocuments (ID1)

 [\[ID1-36\]](#) **Create Unit Test for DocGroupDb** [← Back](#) | [Previous](#) | [Next →](#)

Date Opened: 30.01.2007 8:06 By: rabdullin Last Modified: 01.02.2007 15:17 By: SBatyrgareev

### Description

Code coverage should be 80% or more. All Naming conventions should be followed!

Important: Make sure that tests while running do not modify the existing database (clean up new records and do not delete any existing records)

### Landor Systems Task Information

Level:  Time (hrs):

### Additional Information

JIRA:

### Details

Version:

Category:

Type:


Status:

Priority:

Assigned To:

Resolution:

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Due Date:  

Fixed In Version:

Private:

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[X Delete Issue](#)


# Difficulty Level

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- Tester
- Web Tester
- Junior Developer
- Developer
- Senior Developer
- Evaluation

# Fixed in Version

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# Issue Management

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Questions?

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# Analysis tasks and personal profiles

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- Evaluation Tasks
  - Train analytical skills
  - Train skills of technical writing
  - Verify your knowledge

# Technical Writing

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- Text structure
  - Summary
  - Presentation Layer
  - Business Logic
  - Database Access Layer

# Technical Writing

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- Helpful Extras
  - Tables
  - Graphs
  - Charts
  - Screenshots

# Technical Writing

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Questions?

# Knowledge Domains

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- Three types of knowledge domains
  - Skills
  - IT Fields of expertise
  - Project knowledge

# Skills

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- Analysis
- Architecture development
- Refactoring
- Communications

# IT Fields of expertise

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## .NET Development

- .NET 1.1
- .NET 2.0
- Threading
- Networking
- Data Access
- Caching
- Security
- Configuration
- DLinq

## Web Development

- ASP.NET
- AJAX/ATLAS
- Javascript
- Web Services
- HTML
- CSS
- ActiveX
- Flash

## Smart Client Applications

- Enterprise Library
- Composite Application Block
- Smart Client Software Factory
- SOFA

## Database Development

- SQL Server
- MySQL
- Cache
- db4o

## System Integration

- MS Word
- MS Outlook
- MS Project
- IExplorer
- Quickbooks
- 1C
- Windows Shell

## Server Integration

- Application Servers
- Project Server
- SharePoint
- Exchange
- BizTalk

## Application Deployment

- ClickOnce
- MSI
- Updating

## Cross-platform Development

- Mono + GTK#
- Pocket PC
- SUSE

## Reporting and Templates

- Crystal Reports
- Adobe PDF Forms
- Fast Report

# Project Knowledge

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- General Information
- System UI
- Terminology and architecture
- Common patterns and practices
- Classes, helpers and functionality
- Extensibility Points
- Integration

# Analysis tasks and personal profiles

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# Development Workflow

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- Resharper
- Subversion
- HttpWatch
- DevToolbar
- Javascript Logging

# Development Environment 2.0

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- BugNET
- New DNN and portal structure
- ScrewTurn Wiki

# BugNET

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- Alternatives
  - Bugzilla
  - Mantis
  - Trac
  - JIRA

# New DNN and portal structure

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- Three major areas
  - Public
  - Secure
  - Projects
- Component types
  - Issue
  - Integration



# Planned Tasks

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- Single Record View
- Single Record View Testing
- SWEA Web Control Testing
- Smart View Testing
- Database Testing

# Future

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Questions?