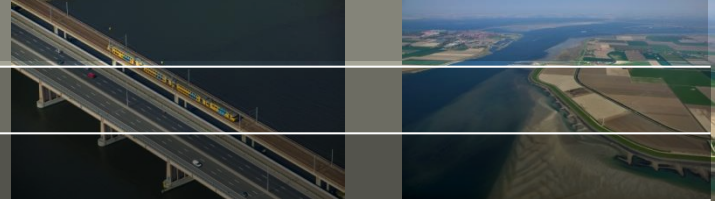




MorphAn 1.7 demo session

Bug Fix Sprint
29 March 2019

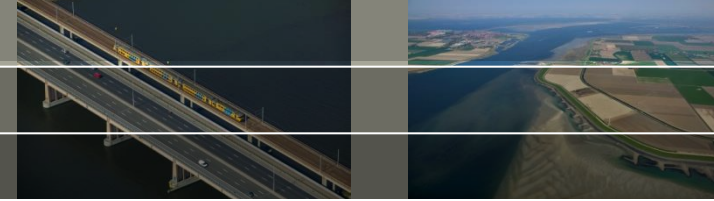
Disclaimer!!



This Demo will be recorded for internal distribution!

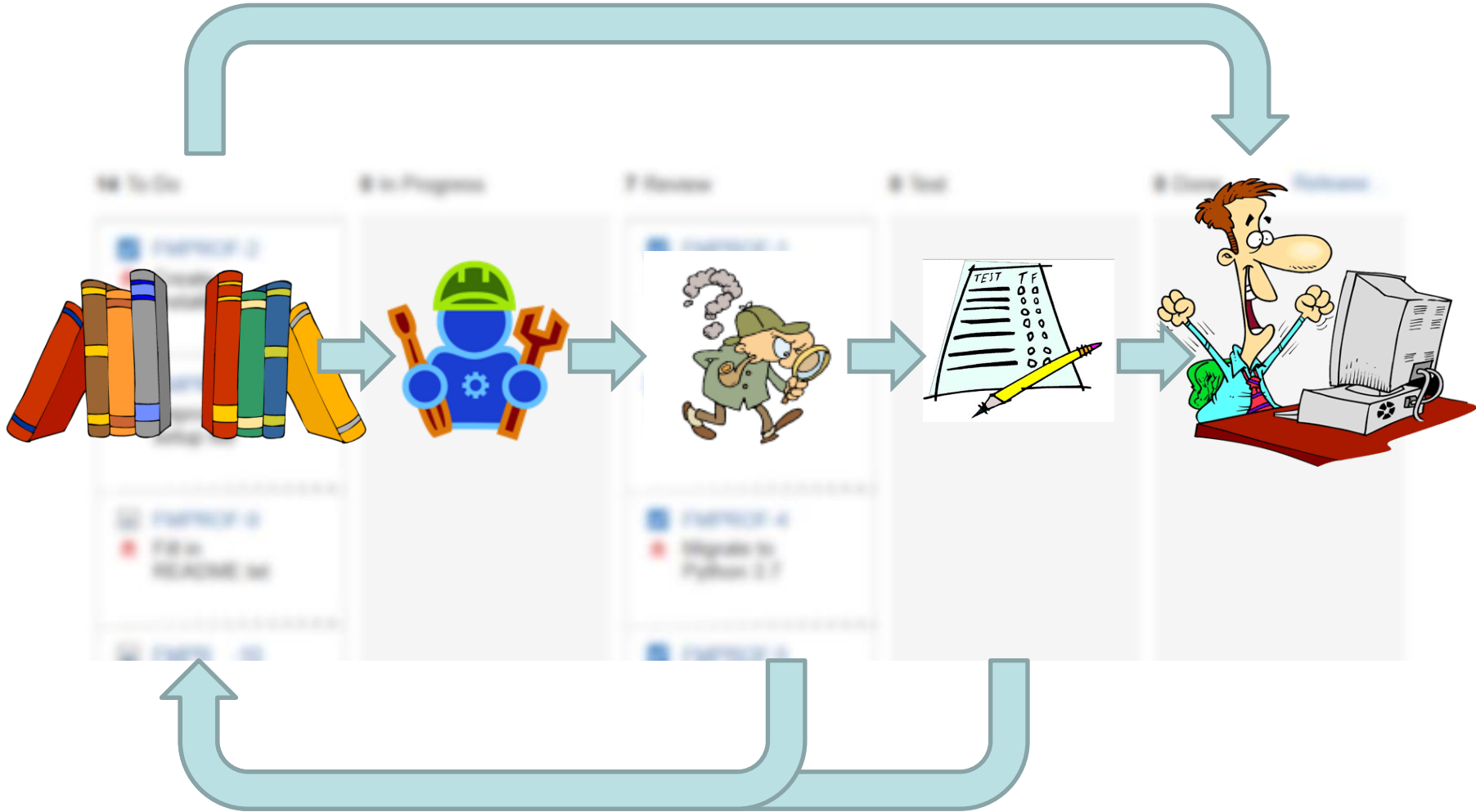
If there is any disagreement on this, please say it now 😊

Project structure

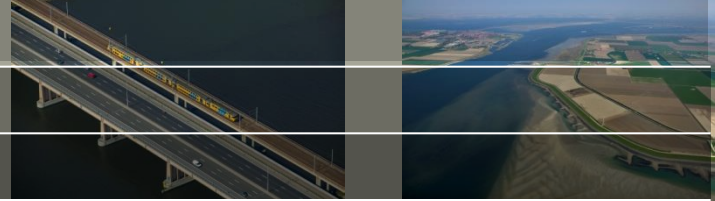


- **Available resources:**
 - P:\Morphan\scrum
 - [Wiki page](#)
- **Working process:**
 - Kanban board.
 - Daily standups.
 - Developers retrospective.
 - Demo.
 - Retrospective.
- **Previous Bottlenecks:**
 - Code review.
 - Testing.
- **P.O.:** Marien Boers
- **Development Team:**
 - Architect:
 - Hidde Elzinga .
 - Testers:
 - Ali Hadi (Functionality)
 - Menno Ridder (Domain)
 - Developers:
 - Ivannick de Freijtas
 - Ralph Peelen
 - Carles Soriano (SM).

Way of working – Revision control.

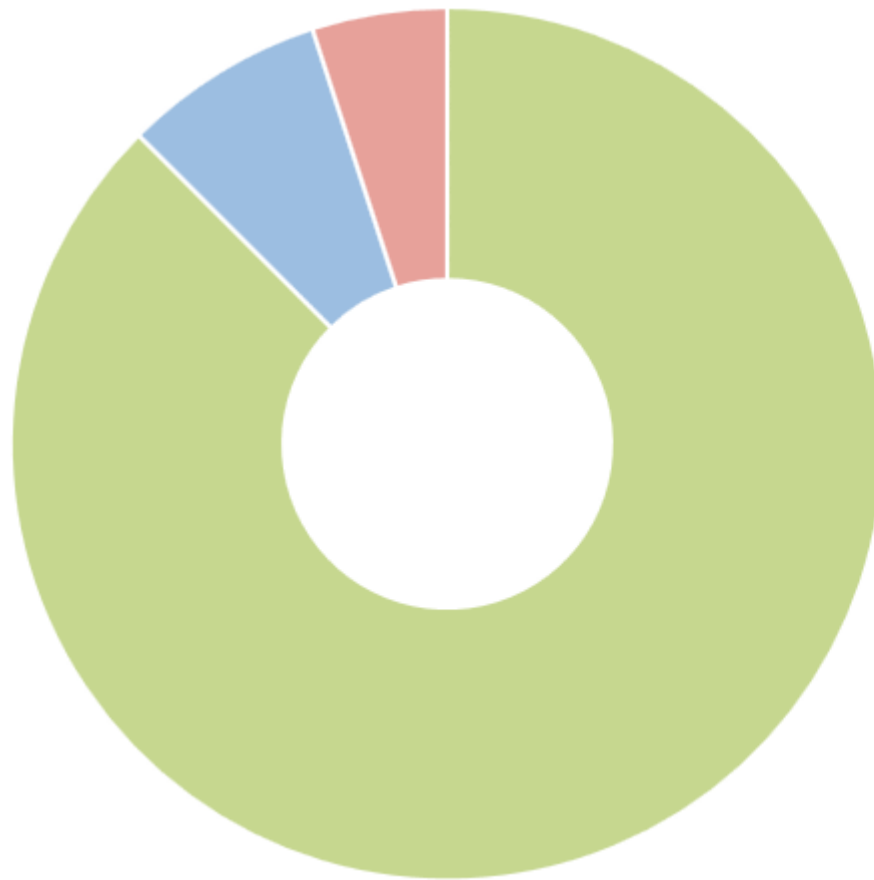
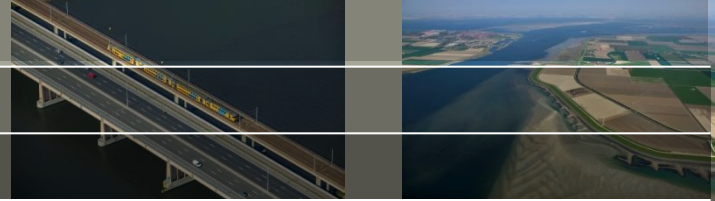


Goals




- Bug Fixing
 - 38 issues. (1 open, 1 in progress)
 - MorphAn-686 Text field overlaps in Import Wizard (..) (Dutch).
 - MorphAn-93 Memory leaks.
 - 8 identified Framework issues (fixed in DS Framework 1.4.
- Upgrade to latest stable version of DeltaShell 1.3 Framework.
 - 1.3.0.42342
 - 3 issues fixed - MorphAn-637, 648, 646
- Start migrating views to Windows Presentation Foundation (WPF)
- Identify issues based on the SIG portal readings.
 - New bug issues can be created.
 - Code duplicity.
 - Code violations.

Sprint status (29/03/2019)



Status

Total Issues: 40

 Closed	35
 Open	3
 In Progress	2

Team City build – Continuous integration

- Created new configuration to have better code coverage analysis
- Current status 29/03/2019:

▶ <input type="checkbox"/> Build and zip ▾	
▶ <input type="checkbox"/> Build MSI MorphAn ▾	
▶ <input type="checkbox"/> Build MSI XBeach Gravel ▾	
▶ <input checked="" type="checkbox"/> Code Coverage - Extended ▾	Test failures: 2 not investigated
▶ <input checked="" type="checkbox"/> Code Coverage - UnitTests ▾	Test failures: 2 not investigated
▶ <input checked="" type="checkbox"/> Code Coverage Unit tests, Morphan Only ▾	
▶ <input checked="" type="checkbox"/> Tests - Acceptance ▾	
▶ <input type="checkbox"/> Tests - DataAccess ▾	
▶ <input type="checkbox"/> Tests - Integration ▾	
▶ <input checked="" type="checkbox"/> Tests - Performance ▾	Test failures: 1 not investigated
▶ <input type="checkbox"/> Tests - UnitTests ▾	
▶ <input type="checkbox"/> Tests - UnitTests (Slow) ▾	
▶ <input type="checkbox"/> Tests - WindowsForms ▾	
▶ <input checked="" type="checkbox"/> Tests - WorkInProgress ▾	Test failures: 16 not investigated

Current Demo

Classes:

Methods:

Statements:

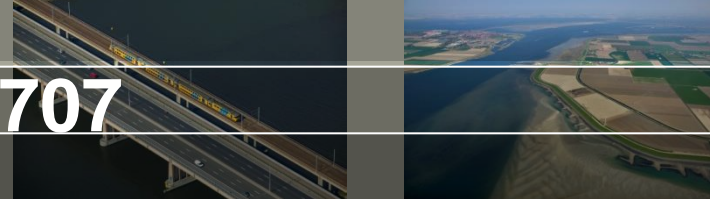
Previous Demo (24/05)

Classes: 374/884

Methods: 4172/14975

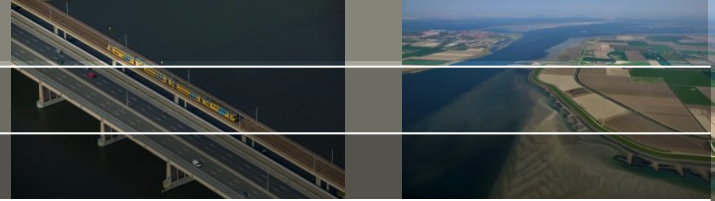
Statements: 15202/56052

Live demo – Revision 1.7.0.42707



- Domain bugs:
 - MorphAn-54 – Multiple coastal areas in one jrk set.
 - MorphAn-518 – Incorrectly adding Seaward Boundary in Volume model.
 - MorphAn-638 – Exception error when starting “Rastermetingen”.
 - MorphAn-657 – Memory error when loading a raster.
 - Now using only DeltaShell x64
- Gui bugs:
 - MorphAn-633 – Not possible to scroll through the graph layers in a chart.
 - MorphAn-475 – Remove “Stack series” button.
 - MorphAn-655 – Close profile view from raster when starting new project.

What comes next?



- MorphAn 2.0
 - Upgrade DeltaShell Framework to 1.4 version.
 - Possible restructure of the DataBase
 - Emphasize on WPF migration.
- More bug fixing.
- MorphAn can be used for other domains (Germany, France, ...)
- Refine continuous integration analysis.

Round table

