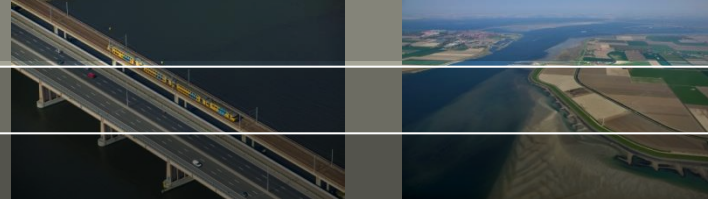# MorphAn 1.6.1 demo session

Sprint 2

17 May 2018

Introduction

- Available resources:
  - P:\Morphan\scrum
  - [Wiki page](#)
- Working process (Scrum):
  - Kanban board.
  - Daily standups.
  - Demo.
  - Retrospective (2nd sprint).
- Bottlenecks:
  - Code review.
  - Testing

- P.O.: Marien Boers
- Development Team:
  - Hidde Elzinga (Architect)
  - Carles Soriano (SM / Developer)
  - Ringo van der Velden (Developer)
  - David Rodriguez Aguilera (Tester)
  - Daan van der Ven (Tester)
  - Jan van Beukering (Reviewer)

Deltares

Sprint status (17/05/2018)
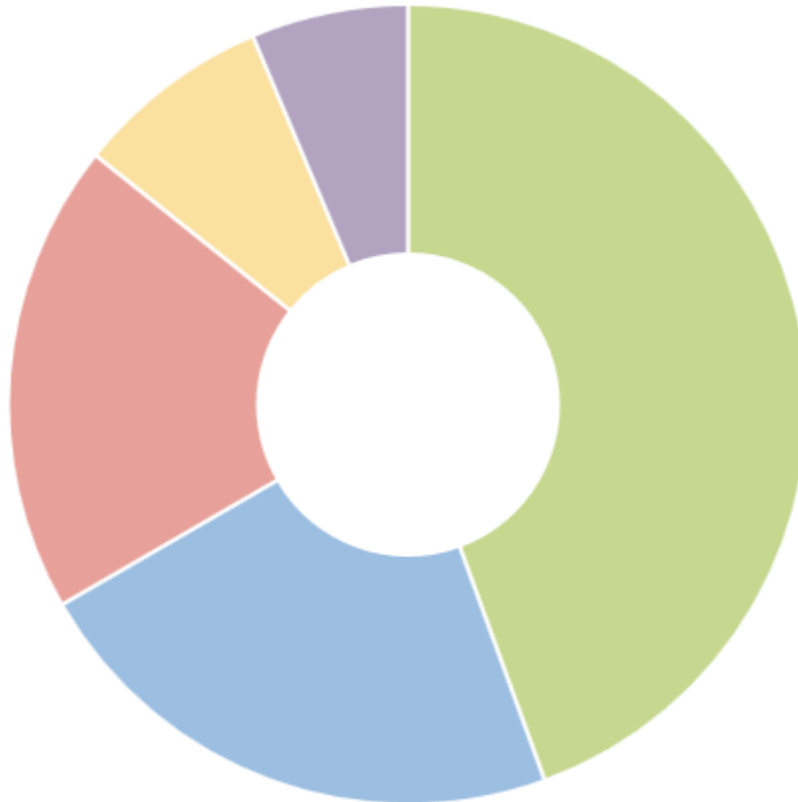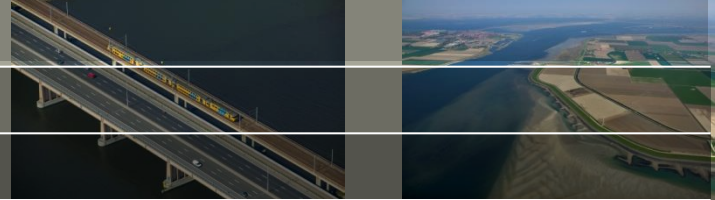
Status
Total Issues: **63**

	Status	Count
🟩	Closed	28
🟦	Open	14
🟥	In Test	12
🟨	In Progress	5
🟪	In Review	4

Deltares

Team City overview.

- Team city build(s) placed now under:
  - Delta Shell > Products > MorphAn / XBeach.
- Created new configuration to have code coverage analysis
- Current status 17/05/2018:

▷ ☐ build msi and zip |▽	
▶ ☐ test (DataAccess) |▽	
▷ ☐ test (Integration) |▽	
▷ ☐ test (Performance) |▽	
▷ ☐ test (Slow) |▽	
▶ ☐ test (UnitTest) |▽	
▷ ☐ test (Windows.Forms) |▽	
▶ ☐ Code coverage UnitTests |▽	
▶ ☐ test (WorkInProgress) |▽	

Current Demo

Classes:	42.3%	374/884
Methods:	27.8%	4172/14975
Statements:	27.1%	15202/56052

Previous Demo (24/05)

Classes:	43.9%	610/1388
Methods:	30.6%	5646/18437
Statements:	32.5%	25882/79442

Deltares
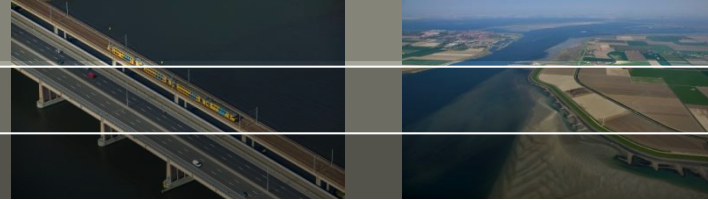
- Complete as many open issues as possible.

- Refactor import wizard. (Demo)

  - 10 issues: 1 in review, 2 in test, 7 completed.

- Refactor location manager.

  - 10 issues: 1 flagged, 1 in review, 3 in test, 5 completed.

- Update Xbeach 1D in MorphAn.

  - 1 issue (completed).

- Improve code documentation / Manuals.

  - 7 issues: 2 open, 5 completed.

- Refactor dune safety model. (Demo)

  - 4 issues: 1 open, 1 in review, 1 in progress, 1 closed.
    - The issue in progress contains 7 sub-issues.

- Remove bugs from MorphAn. (Demo)

  - 13 issues: 4 open / new (Windows forms / Framework), 1 in review, 8 completed.

Deltares

- # Story 1: MorphAn scripts now in toolbox.

  - Deleted menu entry from the Start option (no longer needed).

  - Installer modified, scripting functionality is installed by default.

  - The scripts from MorphAn are now placed in the Toolbox plugin. Together with the ones from DeltaShell.

  - Related issues:

    - MORPHAN-505 – Map scripting files.

Deltares

- # Story 1: Flags in the normative model.

  - Visual flags for the chart view to match the table view columns.

  - Related issues (still under code review):

    - MORPHAN-138 – Add flags normative model.

- # Story 2: Flags in the Boundary Profile Model.

  - A visual flag replaces the previous 'error message' while running
    normative and boundary profile models..

  - Grouped 'running' messages to improve readability and performance.

  - Related issues (not fully tested yet):

    - MORPHAN-188 – Add flags boundary profile model.

      - 7 Subtasks.

Deltares

- # Story 1: Restriction on tree folder model build.

  - Restricted creation of models.

    - They can only be created **directly** below the WorkSpace.

    - Not possible anymore to create them outside the WorkSpace,

    - or within subfolders of the other models.

  - Related issues:

    - MORPHAN-519 – Exception error add model.

- # Story 2: When David takes control.

Deltares

What comes next?

- Close (correctly) all remaining issues.

- **Code freeze week**:

  - Remove 'open' issues from board.

  - Create release candidate on Friday (latest greatest build).

  - Fix or revert new features if new bugs are found.

  - Update of manuals and data to be delivered with the software.

  - Documentation of existing but not-fixable bugs.

- Retrospective on Friday 18/05.

  - Gather feedback to improve the MorphAn development process.

  - Be more aware of what needs to be done on the next releases.

- **Release 1.6.1**

Deltares