

Documentation Review

1 ENGLISH DOCUMENTATION

1.1 CURRENT STATUS

The English documentation is currently incomplete but getting better much faster. There are two sides to documentation:

- Online
 - o Tutorial/explanatory pages
 - o Technical documentation (generated from inline documentation using compiler)
- Inline
 - o JSDoc comments on the code itself.

Looking at each side in turn:

1.1.1 Online

- Incomplete
- Consistency: **Poor**
 - o Consistent style
 - o Inconsistent level of detail
 - o The documentation has consistent style but is of varying levels of detail from extensive detail to no page at all
- Accuracy: **Good**
 - o Mostly accurate
 - o T/e pages are out-of-date compared to the latest release.
 - o Tech pages are up-to-date (where they exist)
- Coverage: **Poor**
 - o Both t/e docs and tech docs are incomplete and cover a poor range of content.
 - o T/e has insufficient to be helpful to any new developer and offers nothing for existing developers.
 - o Tech has sufficient to be helpful to developers looking for specific information but not in all areas.

1.1.2 Inline

- Incomplete
- Consistency: **Good**
 - o Consistent style
 - o Consistent layout
 - o Consistent level of detail
 - o Consistent level of information provided about definition/implementation
- Accuracy: **Excellent**
 - o Reflects developer's intentions well
 - o Definition descriptions match what might be expected.
 - o Implementation descriptions match the actual code
- Coverage: **Promising**
 - o Most modules have full documentation
 - o Data module : Full docs
 - o Animation module : Full docs
 - o Collections module : Full docs

- Events module : Partial docs but sufficient
- Exceptions module : Full docs
- UI module : Extremely limited documentation
- While most modules have full documentation, they are small in comparison to the UI module.
- The UI module is fundamental and most important module yet it has no inline documentation.
- Lack of UI module documentation is a serious issue.

1.2 ISSUES IDENTIFIED

1.2.1 Online

- Lack of detail in t/e docs
- Lack of coverage in all areas
- Some accuracy issues in t/e docs

1.2.2 Inline

- Lack of inline documentation for UI module

1.3 REASONS FOR IDENTIFIED ISSUES

1.3.1 Online

- Insufficient care when writing t/e docs possibly due to lack of time
- Lack of time resulting in more focus on development than documentation
- Lack of time when releasing new versions resulting in documentation being forgotten/pushed off the to-do list

1.3.2 Inline

- Lack of time resulting in more focus on development than documentation
- Where documentation has been written, it is on small or new files
- No concerted effort made to allocate time and go back and document existing files.

1.4 AREAS TO BE IMPROVED

1.4.1 Online

- T/e docs
 - Tutorials
 - Help
 - Design Patterns / Models
 - Layout Design
 - Writing Documentation
 - Tools
- Tech docs
 - All modules

1.4.2 Inline

- UI module

1.5 AREAS OF EXEMPLARY STANDARD

1.5.1 Online

None to date.

1.5.2 Inline

- Collections module
- Data module

1.6 ACTION TO BE TAKEN

1.6.1 Online

- Allocate more time to writing online documentation
- Write one tutorial per sample app (see Version 1.0.3)
- Produce list of useful documentation pages covering main tasks when creating new apps
- Write pages on the above list
- Contact developers and ask what they would find helpful
- Begin compiling a list of common tasks/issues that could be added to FAQ
- Update Data Binding Model diagram and add information to that page explaining it.
- Add documentation page for each tool explain what it does and how it can be used.
- Update all tech docs to latest release version (1.0.3)

1.6.2 Inline

- Allocate more time to writing inline documentation specifically for UI module

2 GERMAN DOCUMENTATION

German documentation is being created slowly but in an organized fashion. It is unlikely to be completed in the coming months and may only be of limited help due to limited coverage of the translation. More translators are being sought and German developers are being contacted.