EFL Documentation

Aftermath of the meltdown

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Introduction

The problem we’re dealing with
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- In 2013, EFL 1.8 release happened
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- It included the newly merged build system
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- It included the newly merged build system
- The process wasn’t exactly handled well
- Documentation broke
- Even more than before
- We still feel the aftermath today
Former documentation

We only cared about C API
Doxygen for API docs
Documented in C header files
Painful, but good enough
Stuff happened - everything changed
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- Stuff happened - everything changed
A new situation arises

Eolian was made

Doxygen is no longer enough

We now have all these bindings to care about

Gotta re-think everything

We have an opportunity to re-think everything
A new situation arises

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Eolian

What does it mean for us?
How does it affect us?

▶ Gotta think about language bindings - harder
▶ All our API is in structured files
▶ Structured files are easy to parse
▶ We have a parser already
▶ Documentation in Eo files
How does it affect us?

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Docs in Eo

We can put generic documentation in Eo files

Special documentation markings in Eo syntax

Structured files - Eolian can provide specific API

API to retrieve docs of functions, parameters, types etc.
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Docs in Eo

No language specific documentation

Very simple markup that is easy to transform

A powerful system of references to Eo/Eolian things

A solid base to work with
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- Meant to stay simple and easy to use
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Help IDE autocompletion etc.
Docs in Eo

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- Meant to stay simple and easy to use
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- Provide a general idea what is going on
Generation

Making this useful
Generating stuff
Generating stuff

- We now have a public Wiki (dokuwiki)
Generating stuff

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- Why not use it for docs? People can edit them publicly
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- Can mix it with our Eo docs
Generating stuff

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- Why not use it for docs? People can edit them publicly
- Can mix it with our Eo docs
- Generated skeleton and editable parts
Dokuwiki

It would be nice if everyone could help improve docs

We generate Dokuwiki markup

We can include editable parts

Stored separately without conflicting
- It would be nice if everyone could help improve docs
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Status

How far are we?
Status

A generator script was made

Already merged into EFL

Written in Lua, easy to modify

Nicely structured docs already
Status

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What’s missing

▶ The include file infrastructure
▶ Some minor bits are still not generated
▶ Script needs cleanup and refactoring
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- Content is severely lacking!
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- Script prints stats on every run
What’s missing

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- Script prints stats on every run
- Can use those to keep track
Conclusion

Completed arch slid into position

Source: Novarka
Conclusion

- Things are going forward smoothly
- Could use more people to help write content
- Eolian proved to be very useful
- Dokuwiki makes things a lot simpler too
- We might recover after all
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Thank you, demo time

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