



# Rails Asset Pipeline

Clemens Helm – [rails-troubles.com](http://rails-troubles.com)

# Über mich

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- Clemens Helm
- Self-employed Web Application Developer
- *Ruby on Rails* Enthusiast
- Blog: <http://www.rails-troubles.com/>

# Asset Pipeline

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- Sprockets – [getsprockets.org](http://getsprockets.org)
  - Ruby Library
  - Compiles and serves Assets
  - Assets? JavaScript, CSS, images, fonts,...
- Since Rails 3.1 (current: 3.1.3)

# Development

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- Single Files
- JavaScript: Nice formatting
- CSS: Nice formatting & Scss line numbers
- Compiles Assets on every request

# Production

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- Just one file per manifest (z.B. application.js, application.css)
  - Generation before/at deployment
- Compression
  - JavaScript: whitespace, code
  - CSS: only whitespace
- GZip

# Processors

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- Arbitrarily many for one file
- e.g., dashboard.js.coffee.erb
  - Right-to-left:  
ERB -> CoffeeScript -> JavaScript

# More Info

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- Rails Guides

[http://guides.rubyonrails.org/asset\\_pipeline.html](http://guides.rubyonrails.org/asset_pipeline.html)

- Sprockets

<http://getsprockets.org>