

Lively Kernel

A Development Environment for Creating and Sharing Rich Web Applications

CopenhagenJS Meetup
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Hi



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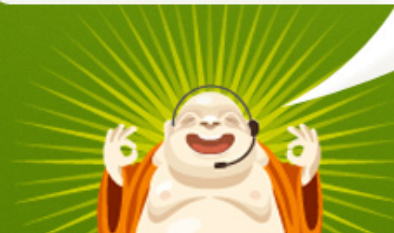
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We are hiring!

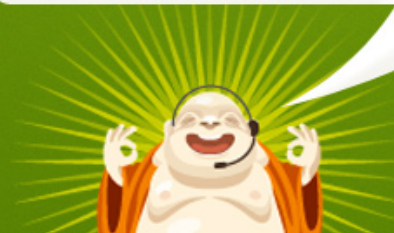
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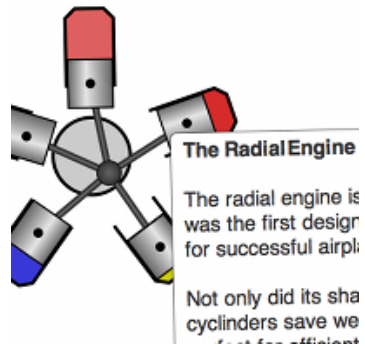
FRONT END DEVELOPER
RUBY ON RAILS ENGINEER
zendesk.com/careers

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The Lively Kernel - Getting Started

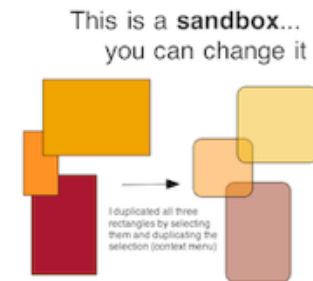
lively-kernel.org



[getting started](#)



[sandbox](#)



Demos Part 1

- Drive a car to the PartsBin
- Wiki page with behavior

The Lively Kernel

- A component architecture for HTML5
 - Structured scene graph in JavaScript
 - Integrates HTML, SVG, and Canvas graphics
- Runs in any browser
 - No download, no installation
- Direct composition environment
 - A GUI builder and its own IDE
- Stores its apps as web pages
 - Even new versions of itself!

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"Simply" a web page!

What it contains

- JavaScript module system
- Network abstraction
- Rendering & UI API
- Attribute and method bindings
- Real object serialization
- Web-based object repository ("PartsBin")
- Node.js server interface (optional)

Demos Part 2

- Creating servers with Node.js

Contributors & Acknowledgements

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Krzysztof Palacz (Adobe)

Tommi Mikkonen (Tampere University of Technology)

Antero Taivalsaari (Nokia Research)

Dave Thomas (Bedarra Research Labs)

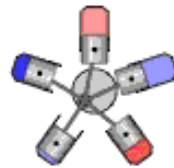
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Software Architecture Group



Get started!



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