



Sun Labs Lively Kernel

Rethinking Web Programming

The Lively Kernel Team

<http://research.sun.com/projects/lively>

<http://livelykernel.sunlabs.com/>

Project Participants

- Principal investigators:
 - > Dan Ingalls, Antero Taivalsaari
- Team members:
 - > Prof. Tommi Mikkonen, Krzysztof Palacz
- Sun Labs collaborators:
 - > Stephen Uhler, Richard Ortiz
- Interns (until Oct 2007):
 - > Mikko Kuusipalo, Pekka Reijula

Demo

Statistics

- Approx code size 10k lines
 - > 300k kernel, widgets
 - > 100k adaptation, workarounds
 - > 120k JS extras (prototype, etc)

Future Work

- Complete the IDE
 - > Full debug access
 - > Hook browser to repository by WebDav
- Collaboration
 - > Multiple hands, Synchronize database
- Experiments...
 - > 3D
 - > Smaller faster JS, SVG, API
 - > Simpler, more secure JS variants

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