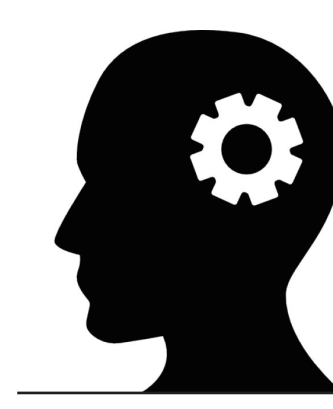
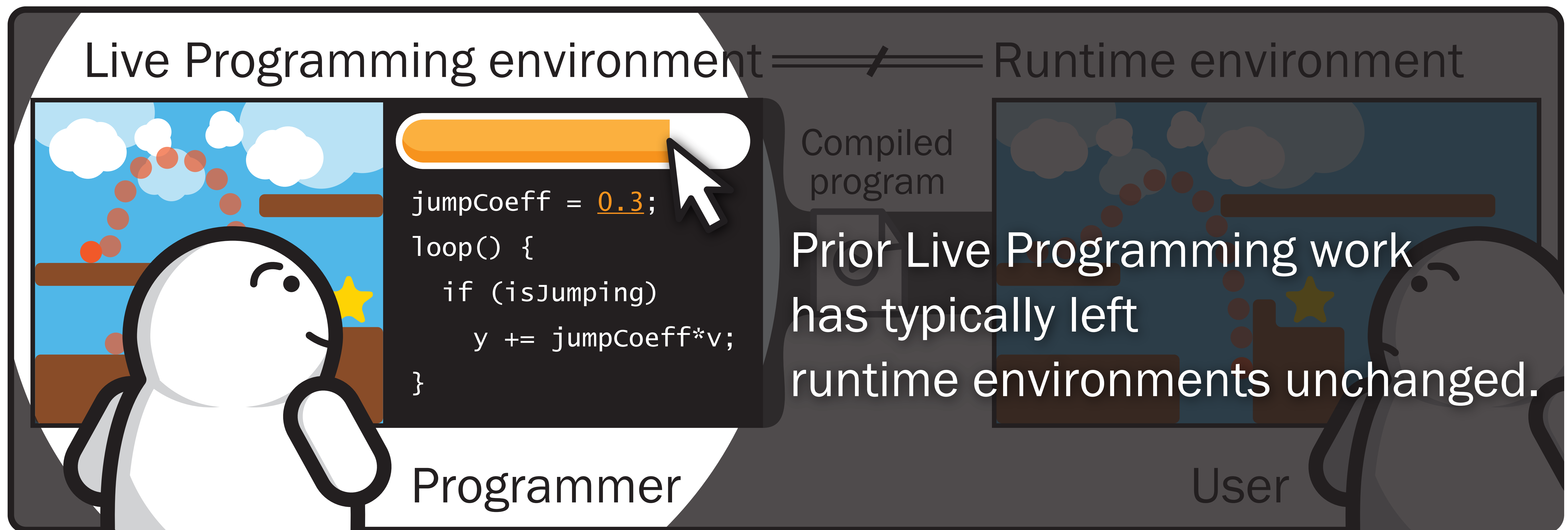


Live Tuning: Expanding Live Programming Benefits to Non-Programmers



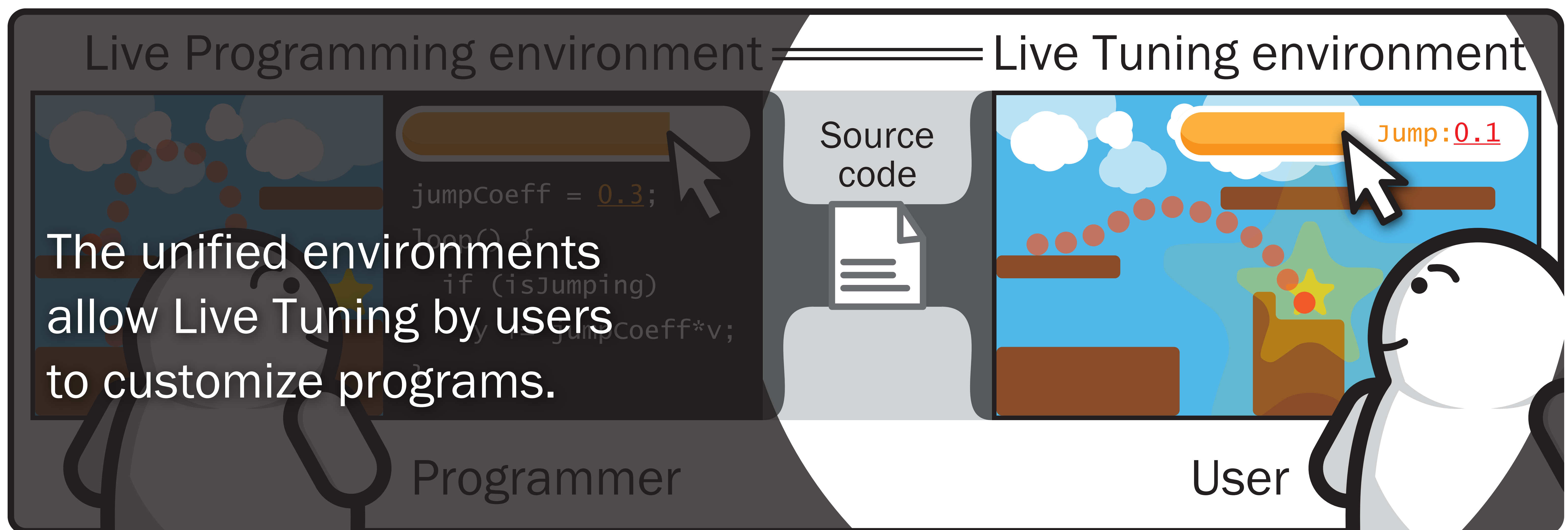
ECOOP 2016 LIVE
A Workshop on Live Programming Systems

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Prior work on Live Programming (LP) systems

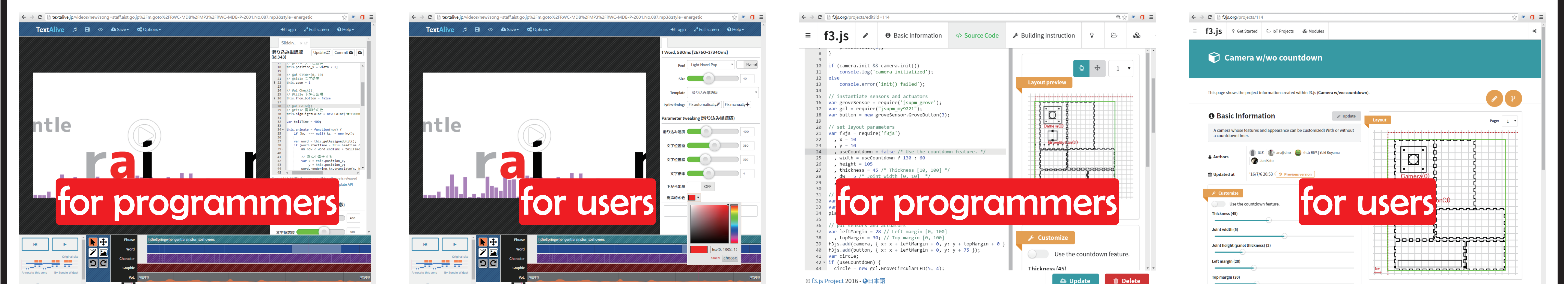
- **Programmers** are responsible for the entire program including its logic and parameters
- **End-users** (program users) usually cannot access the source code nor edit it
- Parameter tuning interfaces are intuitive enough for the users - **why not liberate them?**



Live Tuning: yet another layer of user interface in LP systems

- **Programmers** can **gain help from users** to explore appropriate parameter values
- **End-users** can customize the program **extensively yet without worries** of breaking it

Example IDEs that support Live Tuning typically web-based due to its collaborative nature



IDE for video authoring: <http://textalive.jp>

IDE for Internet of Things: <http://f3js.org>

More details and links to working examples on <http://junkato.jp/live-tuning>