

# **WHEN VIRTUAL MEETS REALITY**

**RESEARCH CONCERT**

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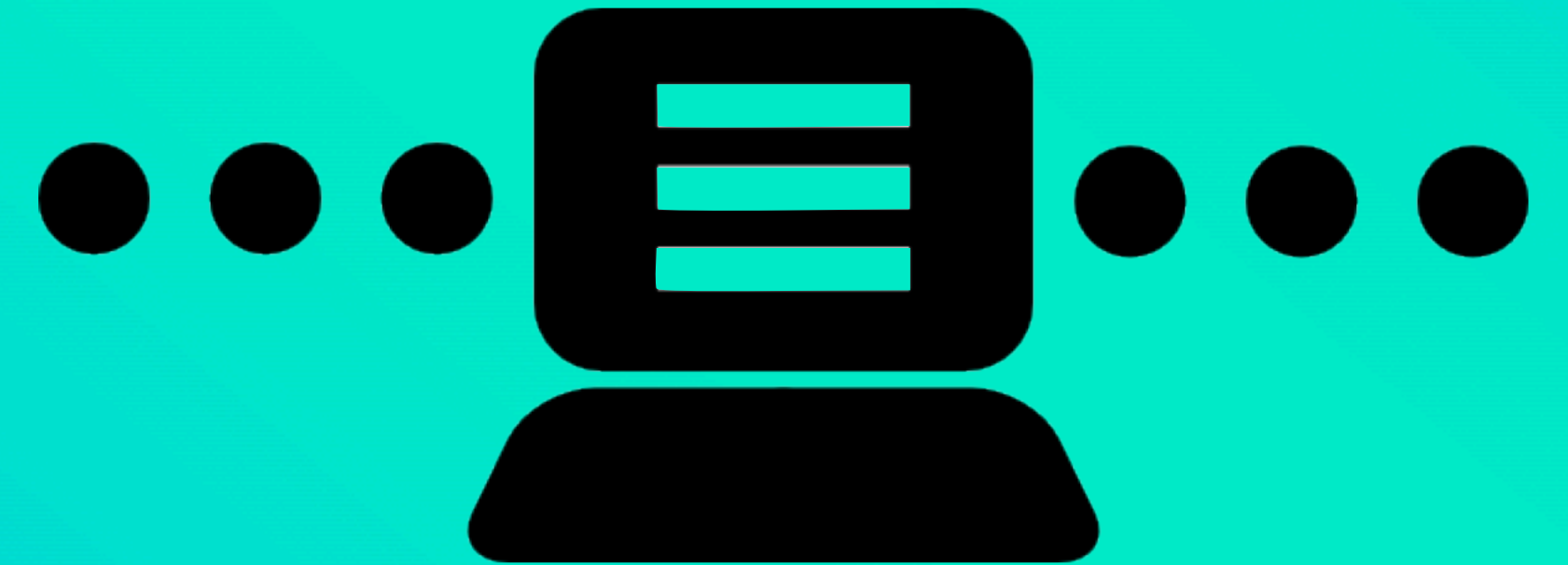


# ABOUT ME





**LIVE CODING**





**SUPERCOLLIDER**





# CROWDSOURCING



Image by Testbirds GmbH - Own work, CC BY-SA 4.0,  
<https://commons.wikimedia.org/w/index.php?curid=42514210>

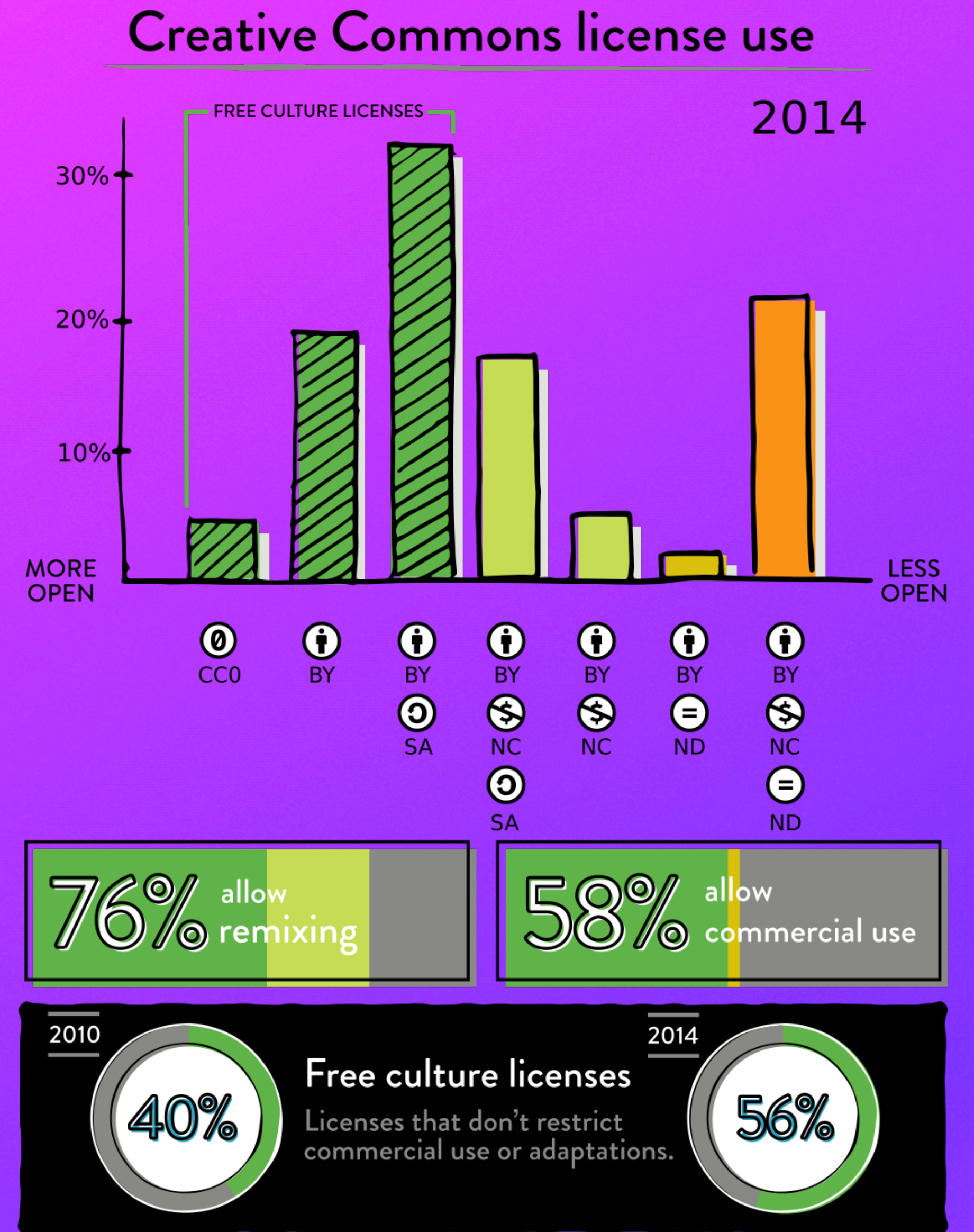


**CREATIVE  
COMMONS**



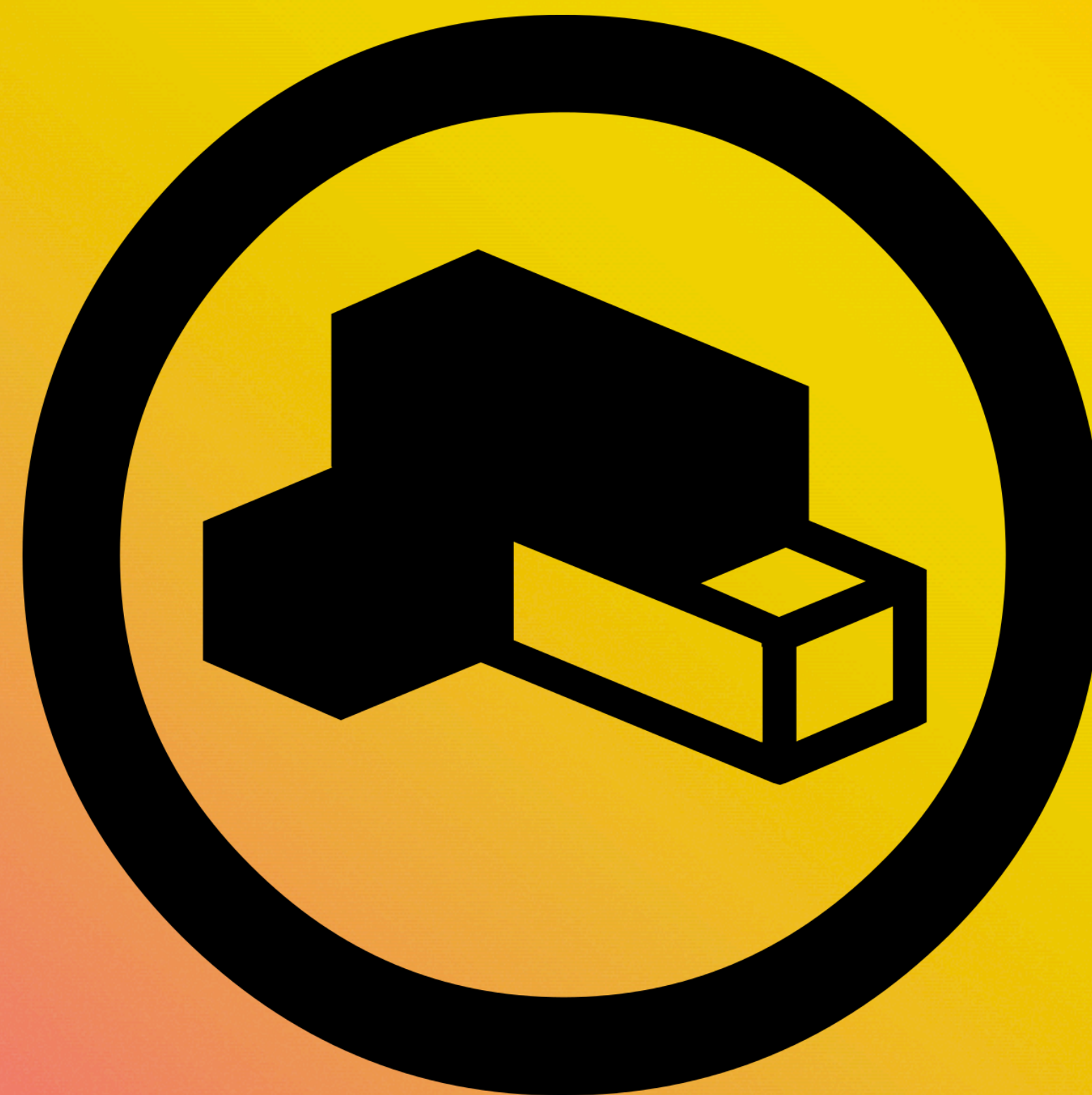


# CREATIVE COMMONS LICENCES





# REMIX CULTURE





**FREESOUND =  
CC SOUNDS +  
CROWDSOURCING**





**MUSIC  
INFORMATION  
RETRIEVAL  
@ FREESOUND**

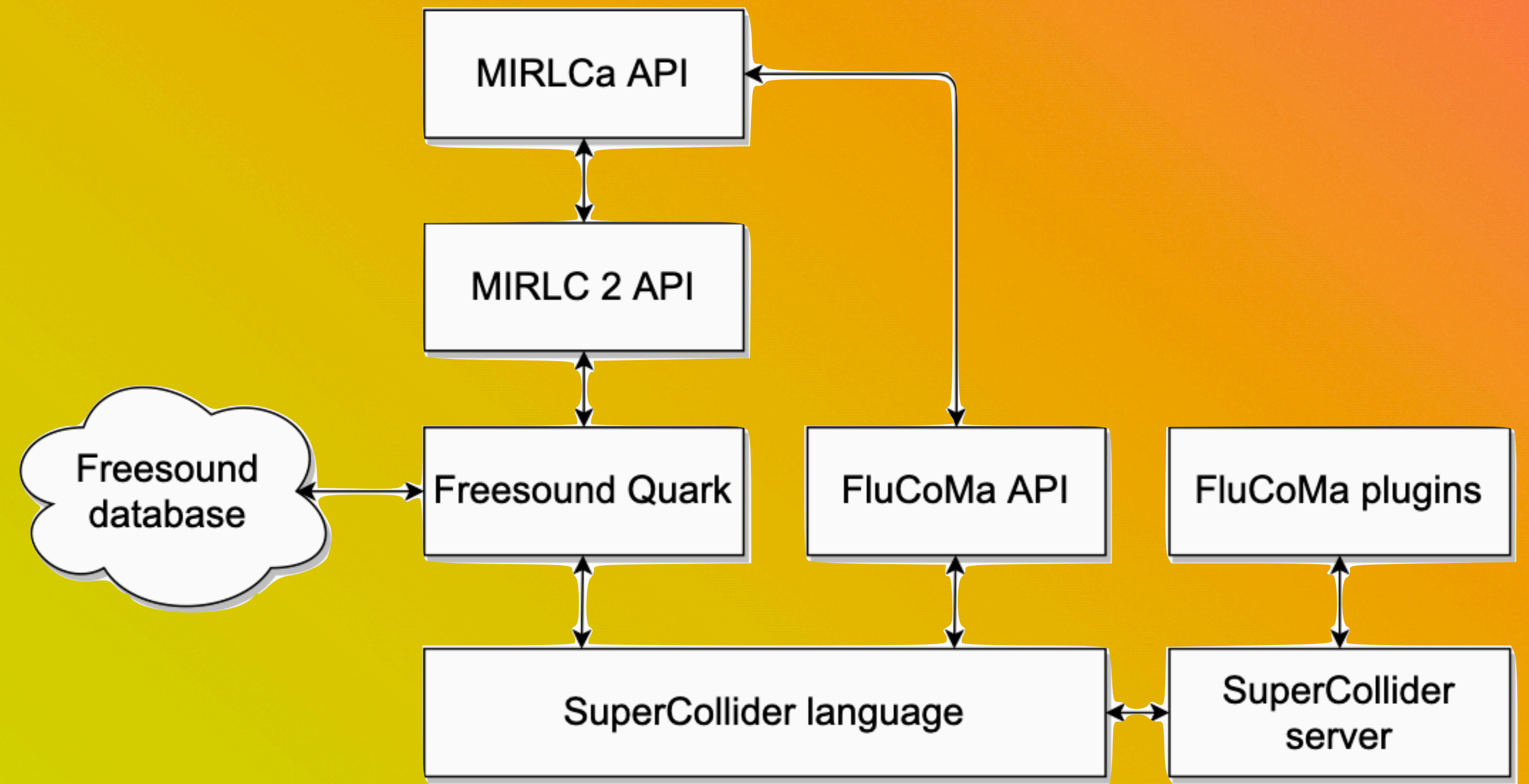
 **ESSENTIA**



**MIRLC = MIR + LIVE CODING  
(IN SUPERCOLLIDER USING  
FREESOUND QUARK)**



**MIRLCA =  
MIRLC + AI**





**FLUCOMA**





# **SOUND-BASED MUSIC**





**TODAY'S LIVE CODING SESSION...**



# THE 3 MOVEMENTS



```
graph LR; A[THE 3 MOVEMENTS] --> B[micro level: microscope]; A --> C[meso level: periscope]; A --> D[macro level: telescope];
```

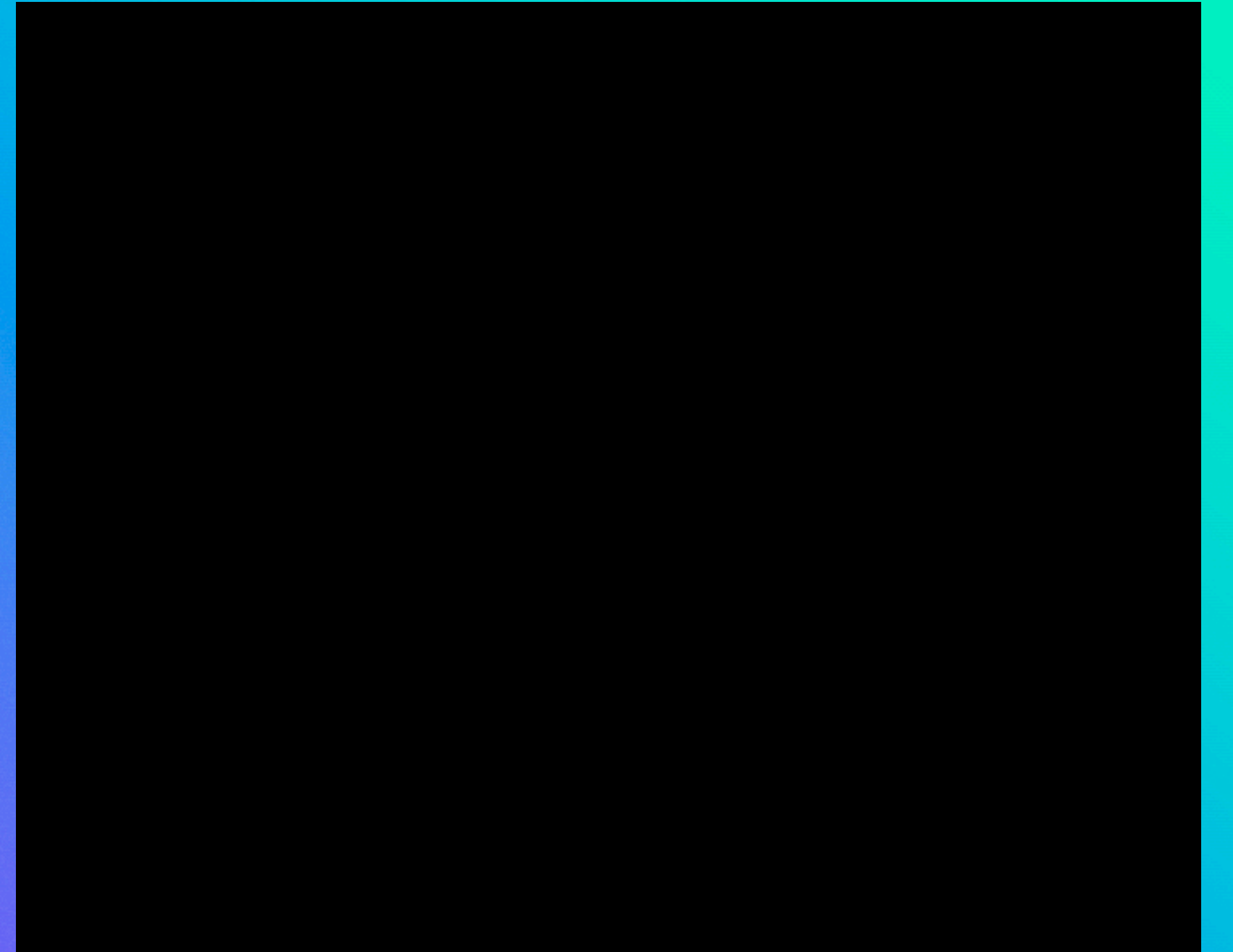
**micro level:**  
microscope

**meso level:**  
periscope

**macro level:**  
telescope



**FROM SCRATCH**





# YOUR PARTICIPATION

**Option 1. The chat:**

**<http://crowdj.net:4000>**

**Option 2. Freesound:**

**<https://freesound.org>**





# THE ONLINE SURVEY

<http://tiny.cc/bsf-survey>





**THANK YOU!**