

# ***V2\_Jam***

***Mixing Media***  
***Mixing Software***

# ***What is V2\_Jam?***

- *Research Project about Media Jamming*
  - *Software R&D: Open Source*
  - *Workshops (Artists, VJ's etc)*
  - *New Interfaces, hardware R&D*

# ***V2\_Jam: Who?***

## ***V2\_Lab:***

- *Artem Baguinski (Software)*
- *Simon de Bakker (Software)*
  - *Stock (Hardware)*
- *Madriss Duric (former intern)*
- *Anne Nigten (Lab manager)*
- *Antoine van de Ven (Project manager)*

*Supported by Mondriaan Stichting*

# *Why V2\_Jam?*

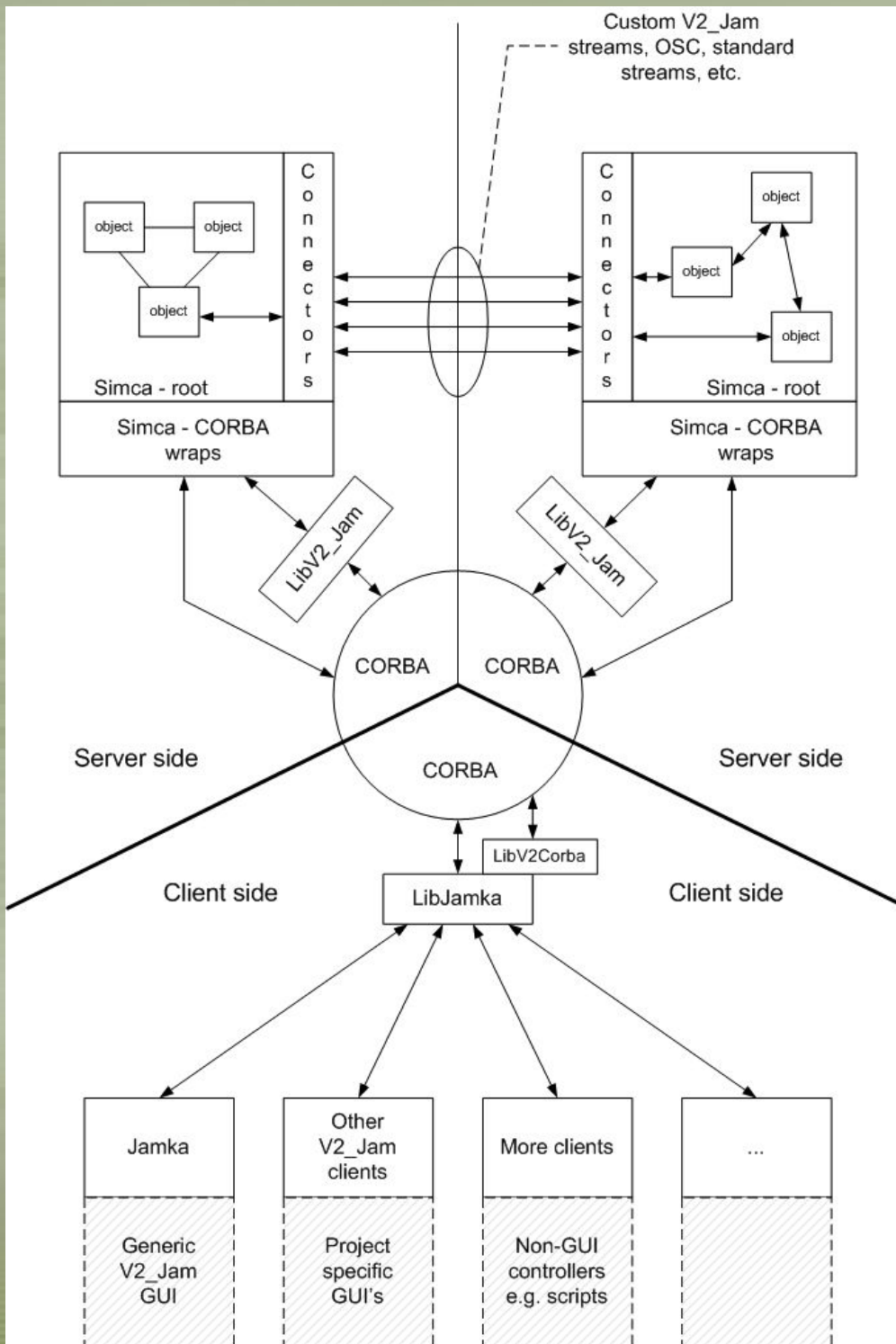
- *We found there is a need by Artists*
- *Existing solutions are too limited and specific*
- *Make more things possible*
- *Make new forms of art possible*
- *Make it easier to use for Artists*
- *Make it free to use for Artists (Open Source)*
- *Make a platform that is easy to extend*

# ***Development of V2\_Jam***

- *Developing other media-artprojects*
  - *InTransit*
  - *Run Motherfucker Run*
  - *FloatScanner*
- *Generalize the features and effects*
- *Turn them into modules (objects)*
- *Use that to extend the framework*

# ***Current Results***

- *Core and Server-side software: **Simca***
  - *Video speed manipulator*
    - *Blending videos*
  - *Color keying: transparency*
  - *Hardware interfaces (joystick etc)*
- *Client-side visual interface: **Jamka***



# ***Current solutions***

## *Open Source Software*

- *EffecTV*
- *Jahshaka*
- *Gephex*
- *FreeFrame*
- *Xine*
- *Gstreamer(?)*
- *etc...*

## *Used standards*

- *vloopback*
- *Video4linux*
- *DirectFB*
- *OpenML*
- *FFmpeg*
- *Ladspa*
- *etc...*

# ***New Approach***

- *Using more existing open source software*
- *Integrating and combining them*
- *Using and improving current standards (especially vloopback)*
- *Using other open standards (OpenML, MPEG-4)*
- *Proposing and defining new standards (lvdspa: Linux Video Simple Plugin API)*
- *Increase interoperability*
- ***V2\_Jam will be the glue***

# References

- <http://lab.v2.nl/>
- [http://lab.v2.nl/projects/v2\\_jamming.html](http://lab.v2.nl/projects/v2_jamming.html)
- <http://twiki.artm.org/cgi-bin/twiki/view/V2jam/>

**Contact: Antoine van de Ven**

**[antoine@v2.nl](mailto:antoine@v2.nl)**