OpenVibe

Software for BCI and Virtual Reality

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Software for Brain Computer Interfaces and Real Time Neurosciences

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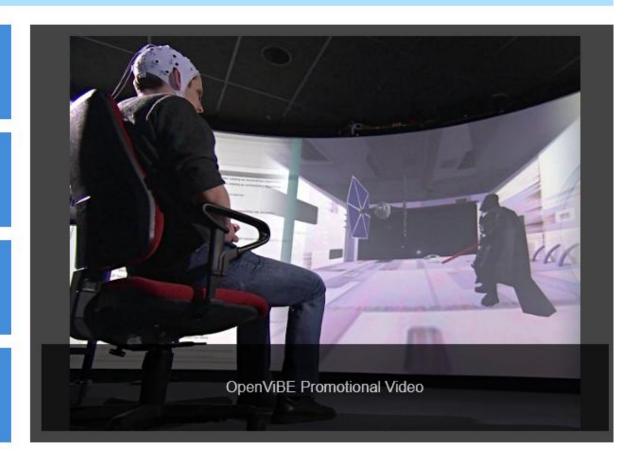
Dec 2018: OpenViBE v2.2.0 released

Discover OpenViBE

Download & Install

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Key Features

HARDWARE SUPPORT

MULTIPLATFORM

OFFLINE ANALYSIS TOOL

PYTHON, MATLAB & LUA
COMPATIBILITY

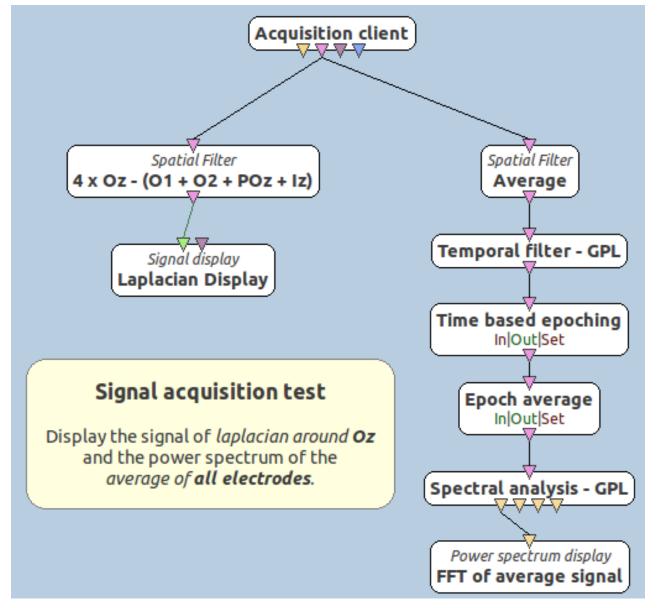
GRAPHICAL LANGUAGE

POWERFUL SIGNAL PROCESSING

EXAMPLE BCI DEMOS

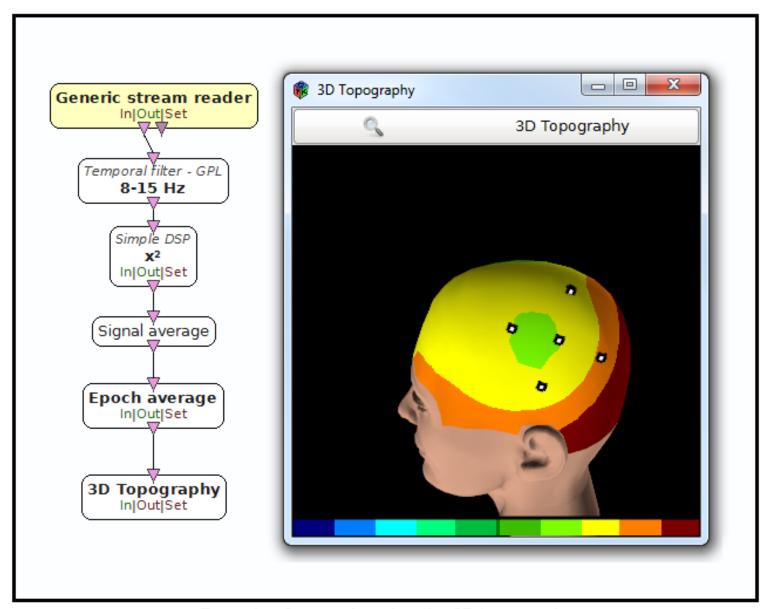
TUTORIAL SCENARIOS

Easy to use graphical language



Box algorithms list

- Acquisition and network IO
- Advanced Visualization
- Classification
- Data generation
- Evaluation
- Examples
- Feature extraction
- File reading and writing
- 🖪 🚞 Scripting
- Signal processing
- Stimulation
- Streaming
- Tests
- Tools
- Wisualization



Example of scenario using the 3D topography

OpenViBE - Turning thoughts into actions Online Video

https://www.youtube.com/watch?v=pHdQ9daL95w



- Virtual Reality application can be created in Ogre3D and connected to OpenViBE with VRPN
- Virtual Reality Peripheral Network (VRPN)

Install and Run OpenVibe

http://openvibe.inria.fr/downloads/

Thanks