



MUSIC

A tool for co-simulation

Simulate with EBRAINS



7-10 November 2022, online

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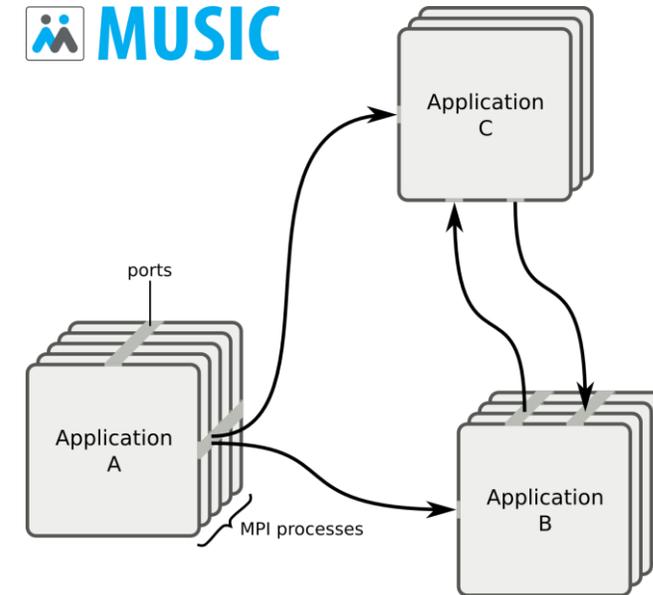


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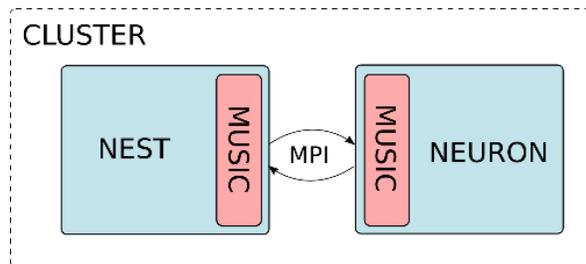
MUSIC

- Software for on-line streaming of data between entities (e.g. simulators) in a co-simulation
- Aimed at the computational neuroscience domain
- Project first supported by INCF, now by HBP

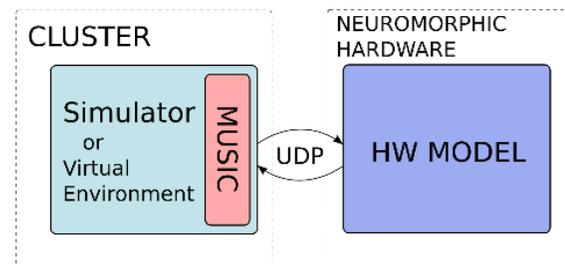


A co-simulation with multiple parallel applications (A, B, C) exchanging runtime data (such as neuronal events) between MUSIC *ports*.

Example use cases:

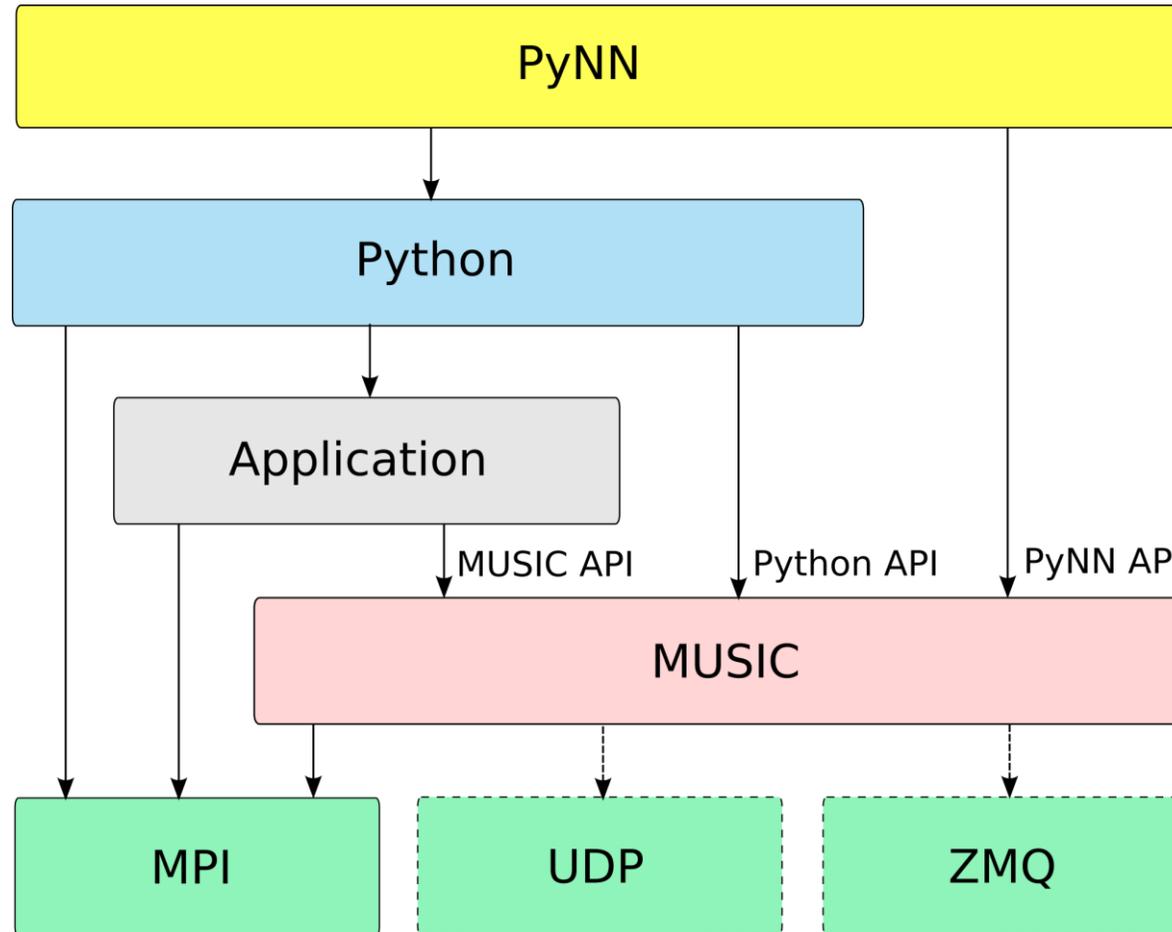


Two simulators exchanging spike events



Co-simulation with neuromorphic hardware

Interfaces to MUSIC

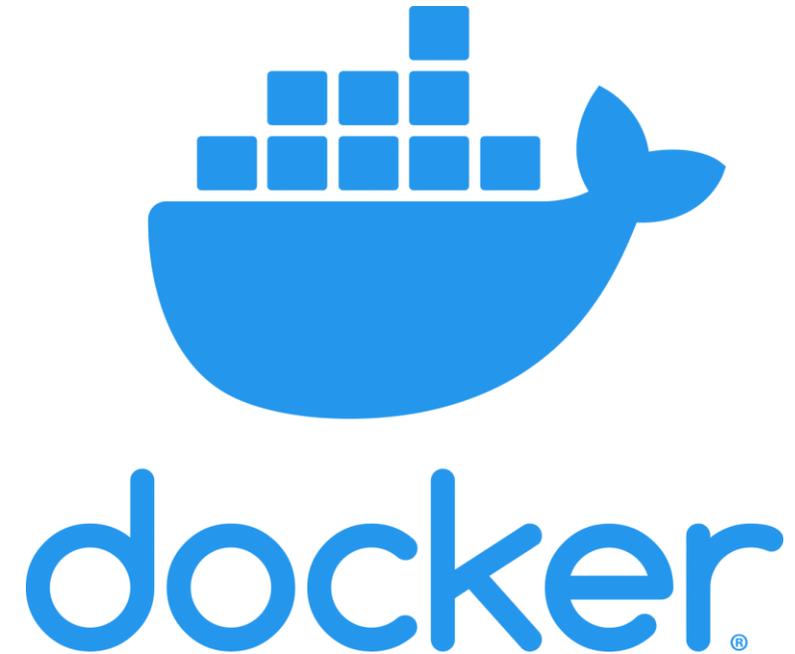


Docker

- For tutorial on Wednesday at 14.00 CET:

Download docker at www.docker.com!

- Approx 1 Gb of free space



Thank you

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www.humanbrainproject.eu

www.ebrains.eu



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