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PyPy Python Interpreter(s) Features

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We quickly recap the basic architecture of PyPy Python interpreter(s) and then demo and discuss the following unique features:

- transparent proxy: a way to customize behaviour of builtin objects, enabling new models of persistence and distribution
- distribution prototype: have objects from remote places appear as local ones, including frames (PDB!), file objects etc.
- · object tainting: automatically track and control propagation of sensitive data through an application
- lazy computations: defer computation until result is needed
- ... and more, as talk topics/features might appear just-in-time :)

All above features might be translated to any supported backend, which is by now C, LLVM and CLI, soon JVM.

We'll also see to discuss future efforts and remaining obstacles to reach wider adoption.

Primary authors: KREKEL, Holger (merlinux); FIJALKOWSKI, Maciek (merlinux)

Presenters: KREKEL, Holger (merlinux); FIJALKOWSKI, Maciek (merlinux)

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