SLang - modern general-purpose programming language for application development.

Having one programming language and ecosystem around is essential when software development is being done for multiple hardware targets. So, key features of the programing language like unit as combination of class, module and type concepts, unique multiple inheritance scheme, protected programming with assertions, ability to verify the software, ease of porting to new hardware architectures due to concept of constant objects in the programming language, simplicity of programming due to type inference and anonymous and standalone routines, reliability due to NULL absence and other features will be presented in the talk.

Грамматически очень сложный текст. Пока дойдешь до конца предложения, несколько раз возникает желание бросить читать… (Это не в упрек, есличо)

Заголовок несет противоречие: если язык general-purpose, то почему он (только) для application development?

Вот моя версия:

Next Generation General-Purpose Programming Language

Having the single programming language together with its comprehensive ecosystem is essential when software development is being done for multiple hardware targets and by different teams of developers.

The talk presents key features of the new programing language SLang that satisfy current trends and requirements:

- The concept of unit as a combination of class, module and type notions.

- The unique multiple inheritance scheme that allows adequate implementation of complex component relationships without unnecessary complexity.

- Protected programming with language-level pre- and postconditions and class invariants that gives the ability to verify software.

- Ease of porting to new hardware architectures due to concept of constant objects.

- Simplicity of programming due to compile-time type inference and anonymous and standalone routines.

- High level of software reliability due to NULL absence.