



ZADÁNÍ DIPLOMOVÉ PRÁCE

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Program: Informatika
Obor: Paralelní a distribuované systémy
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Katedra: Katedra teorie programování
Název práce: Executable Formal Semantics of C++
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Zadání: In recent years, the semantics of many real-world programming languages was defined in specialized formal semantic framework, K. In particular, there exists a complete C semantics in K, and C++14 semantics is being actively developed. The goal of this thesis is to extend the C++14 semantics with some language features which are not implemented yet, in particular enumerations and constexpr functions.

Literatura:

- G. Rosu - An Overview of the K Semantic Framework
- C++14 standard (N4296)