Bringing a Non-Object-Oriented Language Closer to the Object Oriented-World: A Case Study for A+.NET

Absztrakt:
Extending a programming language with different paradigms is a common place to allow the developers to leverage the possibilities provided by the new elements. In a previous work the A+.NET was developed as a clean room implementation of the A+ runtime for the .NET environment, allowing interoperability between A+ and .NET programs. However calling .NET methods from A+ required writing extra methods. To resolve the inconvenience we have created language extension to handle .NET objects from A+ code. We present our extension which describes a set of operations and elements which are required to allow working with objects.