**Cake**

Make programming easy as a piece of cake

“Cake” is a custom-engineered Java based and multi-paradigm programming language. Its main goals are to provide an easy startup to everyone interested in programming without having any experience and at the same time to be powerful enough to provide the opportunity to build sophisticated projects. Moreover, it features its own IDE to be fully independent and not to require any additional software or knowledge.

On the one hand, “Cake” is targeted to the professionals with years of experience and also students interested in programming with no programming background. Its aim is to provide the beginners with basic knowledge and a startup in coding from the ground up. Furthermore, “Cake” will be easy to work with, powerful and practical which will be the perfect programming language to be taught at schools.

On the other hand, “Cake” also allows the advanced developers to be able to cope with bulky projects with a big hierarchy. Not only that, Cake gives the head-start in programming while being still a student, so it gives the opportunity to the future developers to work with the same programming language that they have been taught at school without the need of prequalifying in different ones. Thus, “Cake” eases the programmers to do so by introducing the complex concepts in programming in manageable pieces.