

Java Economy in India: A Conservative Estimate

Abstract

Java and Java based applications have caught attention since their inception. With the IT sector grabbing the centre stage of the Indian economy due to its fast growth, Java plays a major role in boosting this sector. This becomes pertinent from the fact that majority of the software services and solution providers use Java as a key platform and the numbers of Java developers in the country are increasing at a substantial pace.

This paper attempts to assess and quantify the economic impact of Java in India. The aim of this paper is to come up with a rough-cut worst case analysis, so that the actual impact on the economy can be said to be at least as good as the findings, but will be much more in all circumstances. For this, the major components of the Indian Java economy have been identified and estimations have been made to calculate the Java-based revenues for each of these. Alternative calculations have been done to cross-check the consolidated figure and to try to reach a conservative baseline estimation of the Java India Economy. These have then been considered both as a percentage of the Indian GDP and the Global Java economy to get a better perspective of their magnitude. With conservative approximations, the lower-bound value of the Java Economy in India is approximately over 2.1% of the Indian GDP.