Abstract

CBIR systems mainly concentrates on reusability and development of software modules. This leads to less cost and enhancement of software module. Reusability is one of the factor that leads to good development of software. Software reusability is gaining interest because it leads to time reduction in software development too. So, reusability of variables has been adopted. Various methods has been developed for this, but in proposed work, the problem of component reusability is solved using neural network in addition to genetic algorithm, in which neural network will help out for retrieval of reused components.

References

2. A.Singh and Janhavi, "Development of Component repository", International Journal of
Advanced research in Computer Science and Software Engineering, 2014.


4. Madaan Nitish and Jagdeep Kaur, "A Survey on Selection Techniques of Component Based Software".


Index Terms

Computer Science

Information Sciences

Keywords

Components Retrieval, Neural Network, genetic algorithm, Software Engineering.