Java Technology and BioImages: Towards Remote High Quality Medical Imaging

Marco Masseroli, Pietro Cerveri, Francesco Pinciroli  
Politecnico di Milano  
Dipartimento di Bioingegneria  
Milan, Italy

Abstract: Bioimages have great importance both in clinical practice and medical research. Their contribution depends on both integration with clinical or experimental data, and qualitative or quantitative processing. Distributed applications and Java technology enable to interconnect different repositories and platforms. A strong set of libraries, especially for networking, event handling and user interface construction, and its platform-independence peculiarity make Java especially suitable to manage initial software prototype to verify that Java can carry out all these tasks fulfilling the requirements of medical arena.