

World Community Grid

Abstract: World Community Grid's mission is to create the largest public computing grid benefiting humanity. Our work is built on the belief that technological innovation combined with visionary scientific research and large-scale volunteerism can change our world for the better. Grid computing joins together many individual computers, creating a large system with massive computational power that far surpasses the power of a handful of supercomputers. Because the work is split into small pieces that can be processed simultaneously, research time is reduced from years to months. The technology is also more cost-effective, enabling better use of critical funds. We are currently looking for interest from scholars in the arts and humanities who might benefit from the computing power of the grid.

Bio: John Tolva is the Senior Program Manager for Cultural Strategy and Programs for IBM. This position combines a knowledge of culture and the humanities with an understanding of IBM's newest technologies and related business unit needs, markets and objectives. John holds a Masters in Information Design and Technology from the Georgia Institute of Technology and a Masters in English Literature from Washington University. He is on the editorial board of the ACM Journal on Computing and Cultural Heritage and maintains a personal website at www.ascentstage.com.