The
Charm Kernel
Manual

June 22, 2000

The Charm software was developed as a group effort. The earliest prototype, Chare Kernel(1.0), was developed by Wennie Shu and Kevin Nomura working with Laxmikant Kale. The second prototype, Chare Kernel(2.0), a complete re-write with major design changes, was developed by a team consisting of Wayne Fenton, Balkrishna Ramkumar, Vikram Saletore, Amitabh B. Sinha and Laxmikant Kale. The translator for Chare Kernel(2.0) was written by Manish Gupta. Charm(3.0), with significant design changes, was developed by a team consisting of Attila Gursoy, Balkrishna Ramkumar, Amitabh B. Sinha and Laxmikant Kale, with a new translator written by Nimish Shah. The Charm++ implementation was done by Sanjeev Krishnan. Charm(4.0) included Charm++ and was released in fall 1993. Charm software (4.5), has been developed by Attila Gursoy, Sanjeev Krishnan, Milind Bhandarkar, Joshua Yelon, Narain Jagathesan and Laxmikant Kale. The current version of Charm Kernel was rewritten from scratch by Milind Bhandarkar.

Contents