

Grid Computing

Membership of Research Entity	Project Scope
<p data-bbox="188 304 456 331">Liew Chee Sun (Head)</p> <ul style="list-style-type: none"><li data-bbox="203 373 451 401">a) Academic Staff<ul style="list-style-type: none"><li data-bbox="203 409 428 436">1. Abdullah Gani<li data-bbox="203 445 423 472">2. Ang Tan Fong<li data-bbox="203 480 630 508">3. Assoc. Prof. Dr. Ling Teck Chaw<li data-bbox="203 516 670 543">4. Assoc. Prof. Dr. Phang Keat Keong<li data-bbox="203 552 391 579">5. Por Lip Yee<li data-bbox="203 621 532 648">b) External Membership<ul style="list-style-type: none"><li data-bbox="272 657 516 684">1. Luke Jing Yuan	<p data-bbox="824 338 1429 1035">In the research, we proposed a Data Grid Framework which is focusing on the open archives data management. We intend to develop a Data Grid Framework which able to integrate tools and middleware infrastructure to manage and share large volume of information with high- throughput production-quality in grid environment. Data Grid technology is used in this project to create virtual collaborative environments by federating multi-scale databases seamlessly in distributed location. Besides, the research will offer a transparent access mechanism to distributed data and meanwhile, provides high performance computing facilities to geographical distributed research community. Apart from the proposed Data Grid Framework, we will develop an application to support user preferred access mechanism so that research will be able to discover, backup and archive their research based materials in this open archives application.</p>