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# LGI Pilot Job Portal

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The LGI Pilot Job portal is developed by BiG Grid, the Dutch NGI. This portal framework is based on the Leiden Grid Initiative framework, which offers a uniform access model to multiple heterogenenous resources, such as clusters, clouds, supercomputers and now also gLite based grid infrastructure. The LGI Pilot Job framework is a single-user pilot job framework, in which grid authentication is done using a robot hardware token. User authentication on the portal itself is done using plain (i.e. non-grid) X509 certificates or using username/password authentication. An extension to support TERENA using SimpleSAML is currently being developed. Several client interfaces are available, including command-line clients written in C++ and Python, as well as PHP and Java clients. An R-interface to the LGI Pilot Job framework is currently being tested.

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**Session Classification:**   Portal technologies for EGI communities