The DIRAC Consortium was created to develop and promote software for building distributed computing systems, the so-called interware. The project offers a development framework as well as a rich set of ready to use services to aggregate various types of computing and storage resources in a coherent system perceived by users as a single entity. This includes a powerful workload management system capable of handling complex application workflows; data management system oriented on managing large volumes of data spread over multiple storages world wide; comprehensive accounting and monitoring of the status of the services and computing resources as well as detailed reports of resources consumption. All the DIRAC functionalities are available via an easy-to-use Web Portal. Standard Web Service interfaces facilitate to incorporate DIRAC components into third party systems.

Apart from several large experiments basing their computing systems on DIRAC, the DIRAC services are now also provided by several national grid infrastructure projects and new instances of such services continue to appear. In this contribution we will make an overview of functionality currently offered by the DIRAC Project. Experience of running DIRAC services for different user communities will be presented. Future directions of the DIRAC evolution will be also discussed.

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