

An Innovative Proposal for the CTA Science Gateway

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This CTA science gateway prototype presents a graphical user interface based on a workflow-oriented framework (gUSE/WS-PGRADE). It is equipped with a flexible SSO (SAML based) Authentication and Authorization access control. An interactive desktop environment: the Astronomical & Physics Cloud Interactive Desktop (ACID) is available through the science gateway. The user will be able to exploit the native graphical interface of the tools provided by the ACID environment. A cloud data service shares and synchronizes data files and output results between the user desktop and the science gateway.

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