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[Home](#) > Hue Application for Big Data Ingestion

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Date published:

Friday, 28 October, 2016

Document type:

Summer student report

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The purpose of project was to develop a web application for the HLoader - a data ingestion and ETL framework developed at CERN. This framework automates data streaming/ingestion from a wide range of data services into CERN Hadoop Big Data analytics cluster. The web application uses the HLoader REST API to interact with the framework and expose the ETL functionalities to the users. This report will introduce the HUE framework for web applications and explain why it is useful and how to use it. The report will give an overview of the frameworks and the technologies used for the project. This report will also show how to create an application in HUE and use the HLoader REST API. Finally, it will present the project future plans and improvements.

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