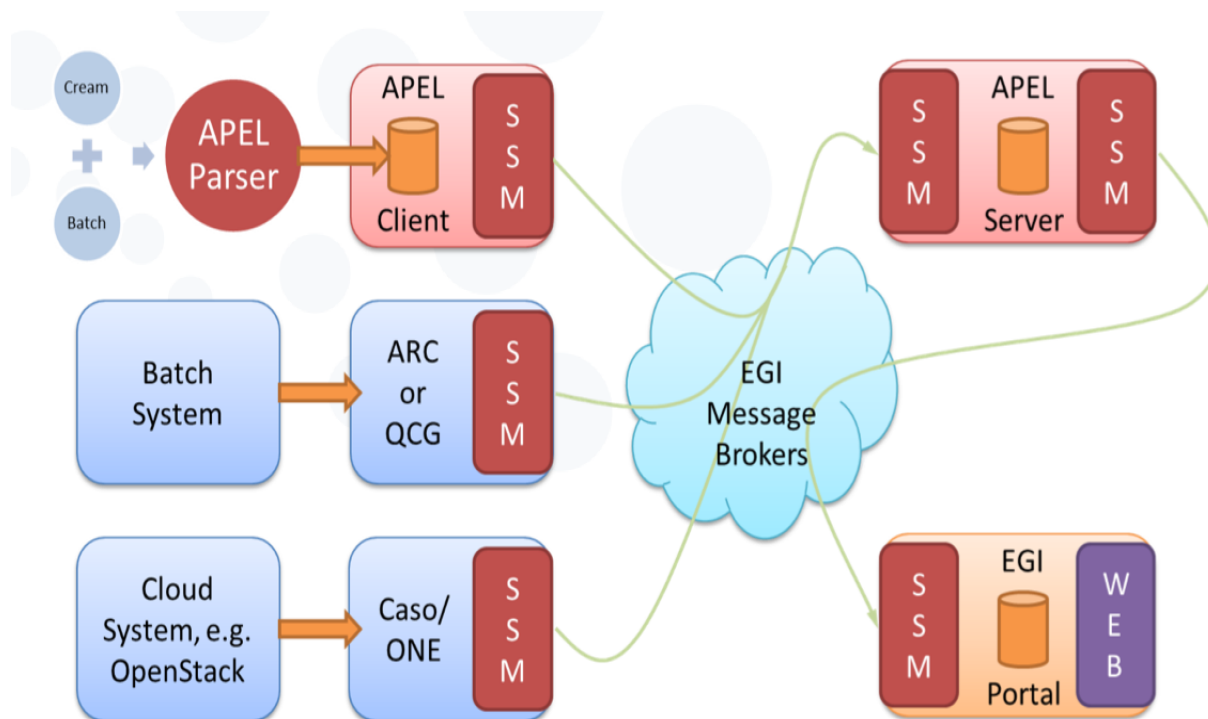


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# Accounting data from from the primary information source to the accounting portal

For EGI sites



APEL clients can run an APEL parser to extract data from a batch system and place it in their client database, or they can use third-party tools to extract batch or cloud data. This data is then unloaded into a message format suitable for transmission. APEL clients run a sending Secure Stomp Messenger (SSM) to send these messages containing records via the EGI Message Brokers the central APEL server. The messages can contain either Job Records or Summary records. This is configurable in the APEL client. The central APEL server runs an instance of the SSM, which receives these messages and a loader processes the records in the messages and loads them into a MySQL database. A summariser process runs to create summaries of any Job Records received and load them in a SuperSummaries table along with any Summary records. This summariser runs as a cron job approximately once a day. A database unloader process unloads the summary records into the message format to be sent on by the sending SSM via the EGI Message Brokers to the EGI Accounting Portal. <https://github.com/apel/ssm>

-- JuliaAndreeva - 2016-11-04

This topic: LCG > DataFlow

Topic revision: r1 - 2016-11-04 - unknown



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