

gLite Basic APIs

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Application Support Team

NCSR “Demokritos”, Institute of Nuclear Physics

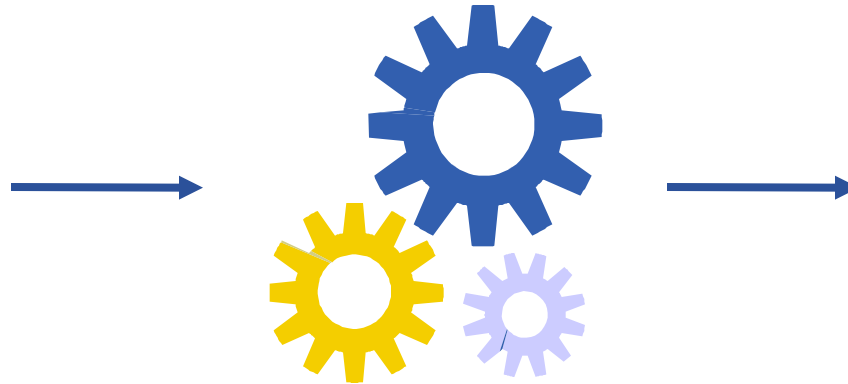
- Application definition
- Environment configuration
- Information discovery
- Data management
- Program definition
- Program execution
- Summary

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Image Compression



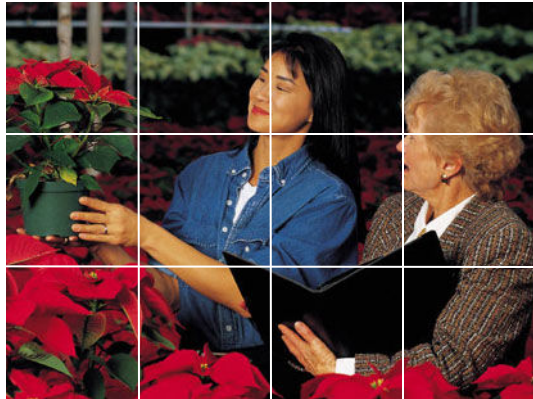
original
image



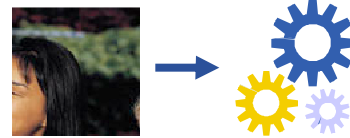
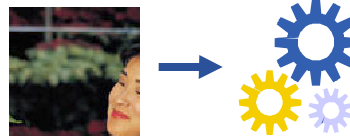
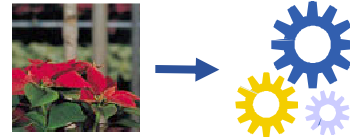
compression
algorithm



compressed
image



data
decomposition

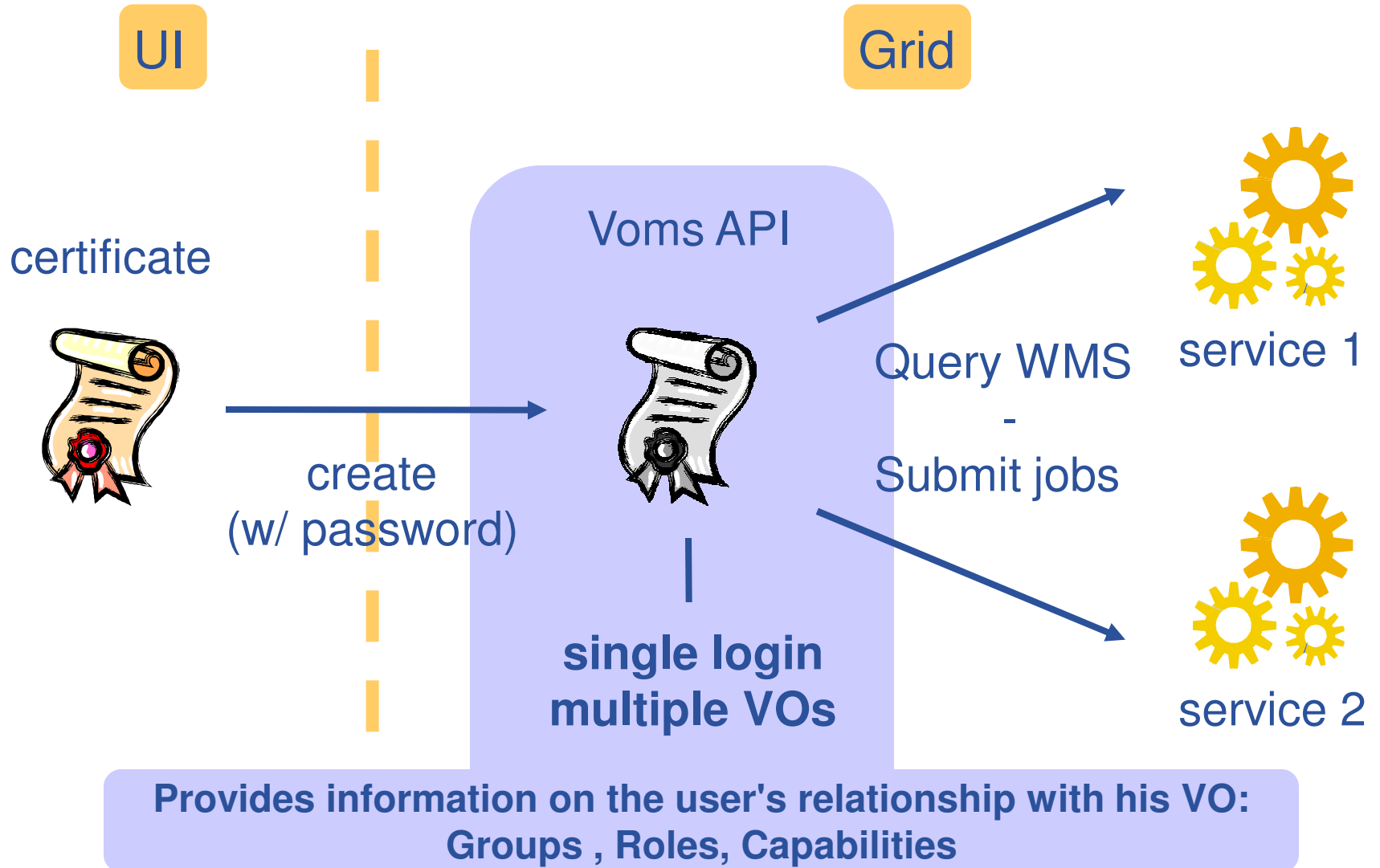


parallel
processing

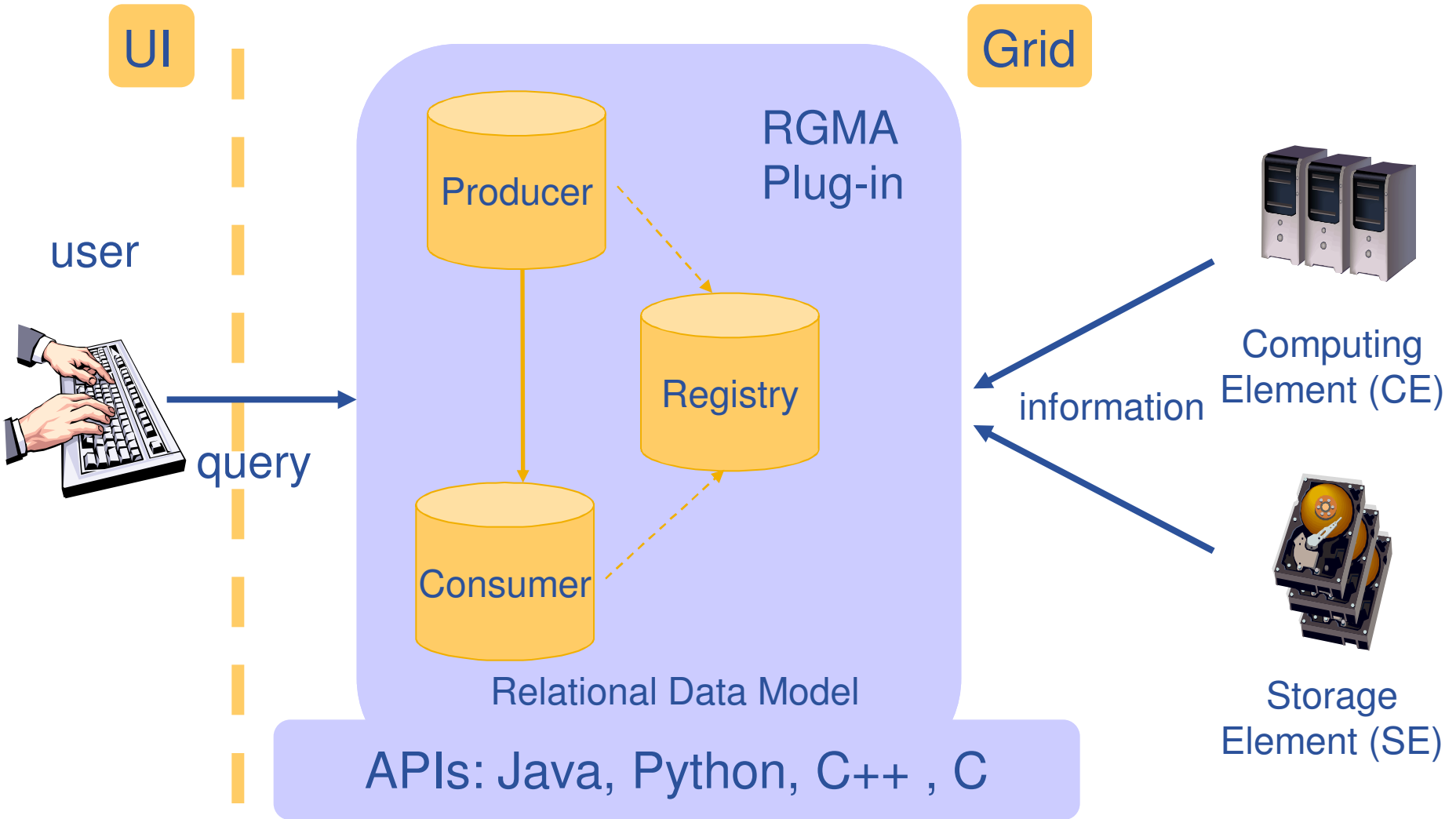


data
composition

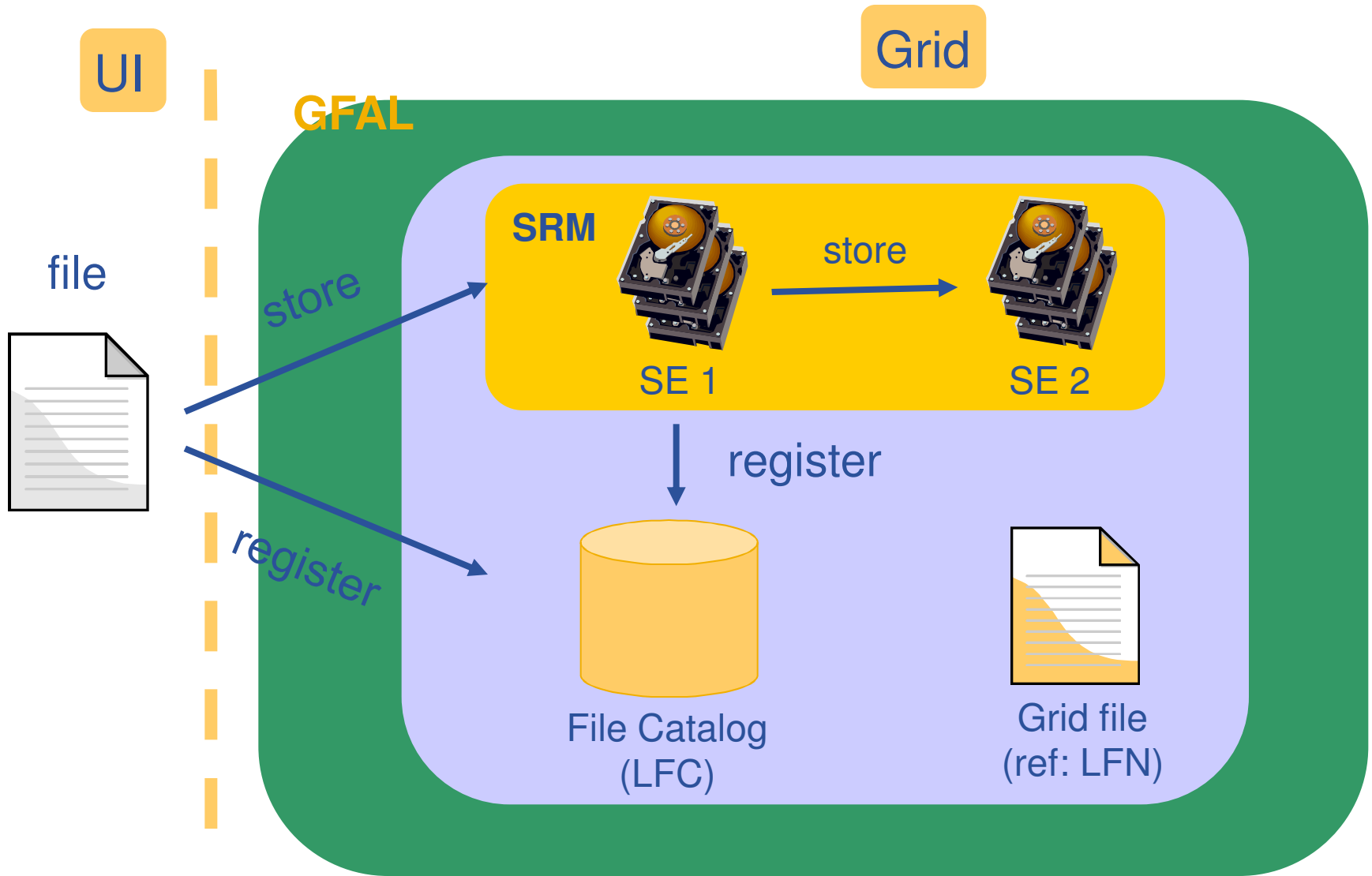
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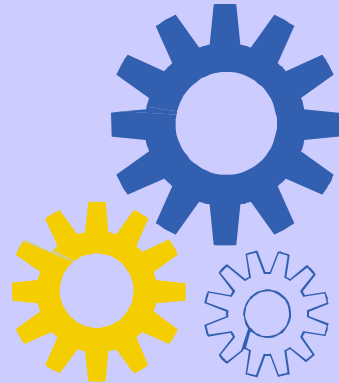


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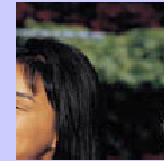
Job Description Language (JDL)



original
input data
sub-image

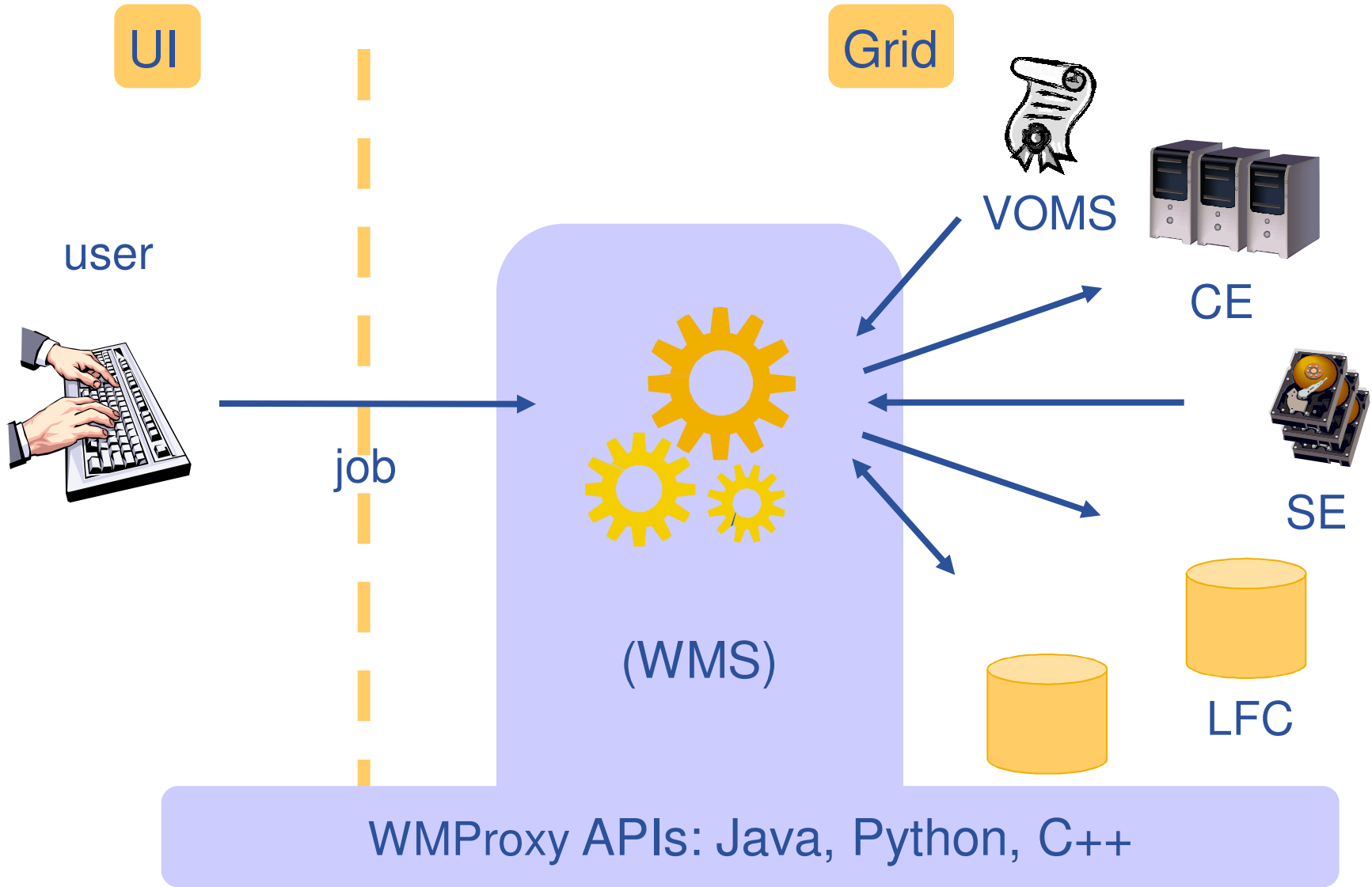


compression
program
algorithm



compressed
output data
sub-image

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- Parallelize application
- Authenticate with VOMS API
- Get information with Service Discovery
- Data management with GFAL
- Execute application with WMS & WMSProxy API

- **gLite Documentation**
- **<http://glite.web.cern.ch/glite/documentation/>**

Questions?

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