

The background features a large, stylized green lambda symbol (Λ) on a black field. Two concentric circular arcs, one green and one white, are positioned on the left and right sides of the image.

# LambdaUI

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USER INTERFACE TO EXECUTE, MANAGE AND  
MONITOR JOBS ON CLOUDYCLUSTER

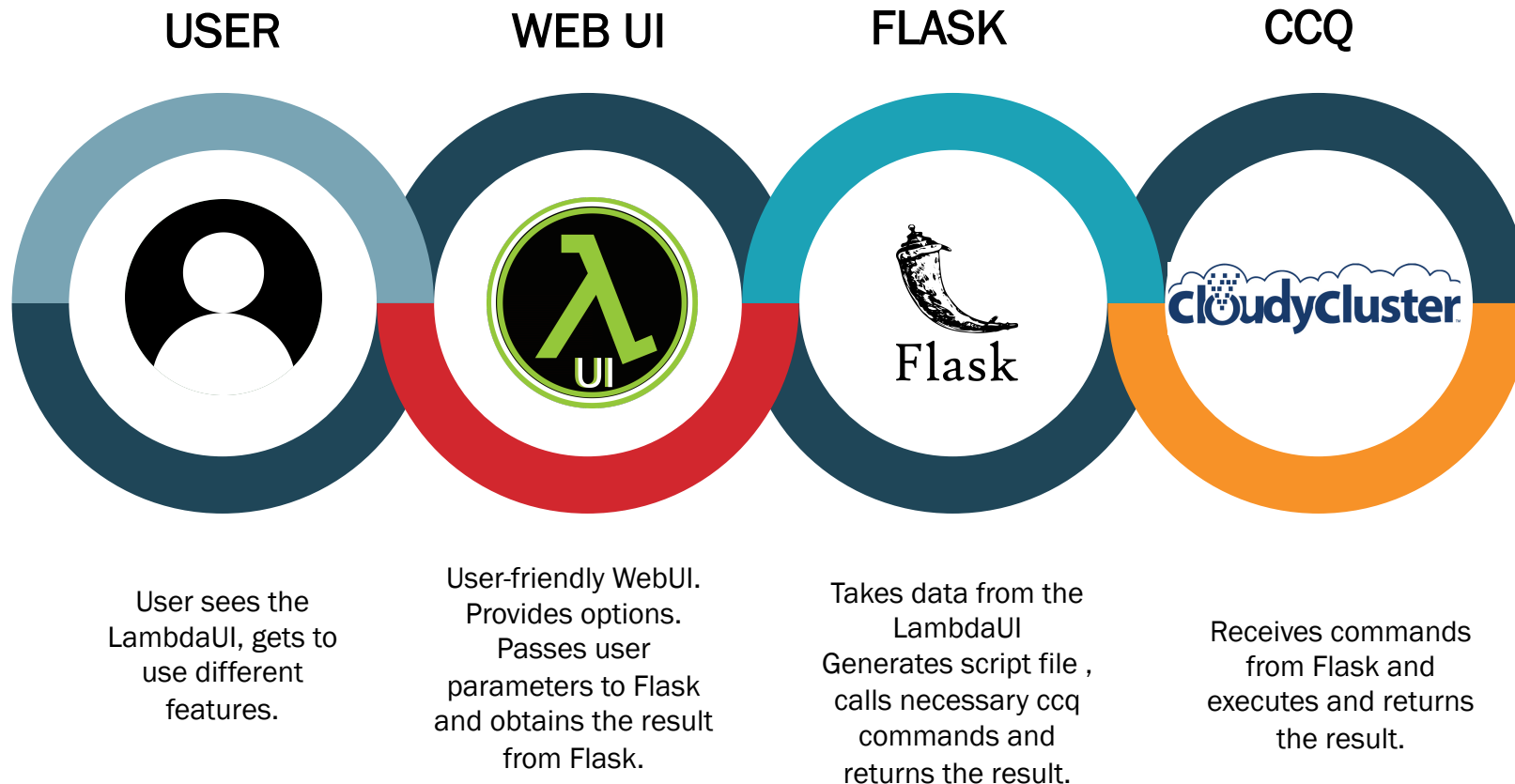
# What is LambdaUI?

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- “lambda” – Abstraction of functions
- Interface to the control terminal
- Abstraction of various functions & commands used to run/view jobs
- Automates script generation
- User need not know the commands/generation of scripts.

# LambdaUI: Current Status

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# CloudyCluster + LambdaUI

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- Extending the CloudyCluster commands and function attributes to a UI.
- Covers more target users
- Time saving
- Moving from a terminal based application to a GUI world.
- Leave the generation of scripts to LambdaUI

# Demo

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# Challenges

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- Installing all required dependencies and making sure they work.
- Interfacing notebook widgets to CCQ client methods
- Conflict between AJAX and Flask
- Creating the bridge between back-end python code to the front-end Web interface.

# Improvements

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- Providing more job and execution information.
- Customizing features for job submissions.
- Providing a logout option.
- Providing visualizations for performance.

# Developers

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