



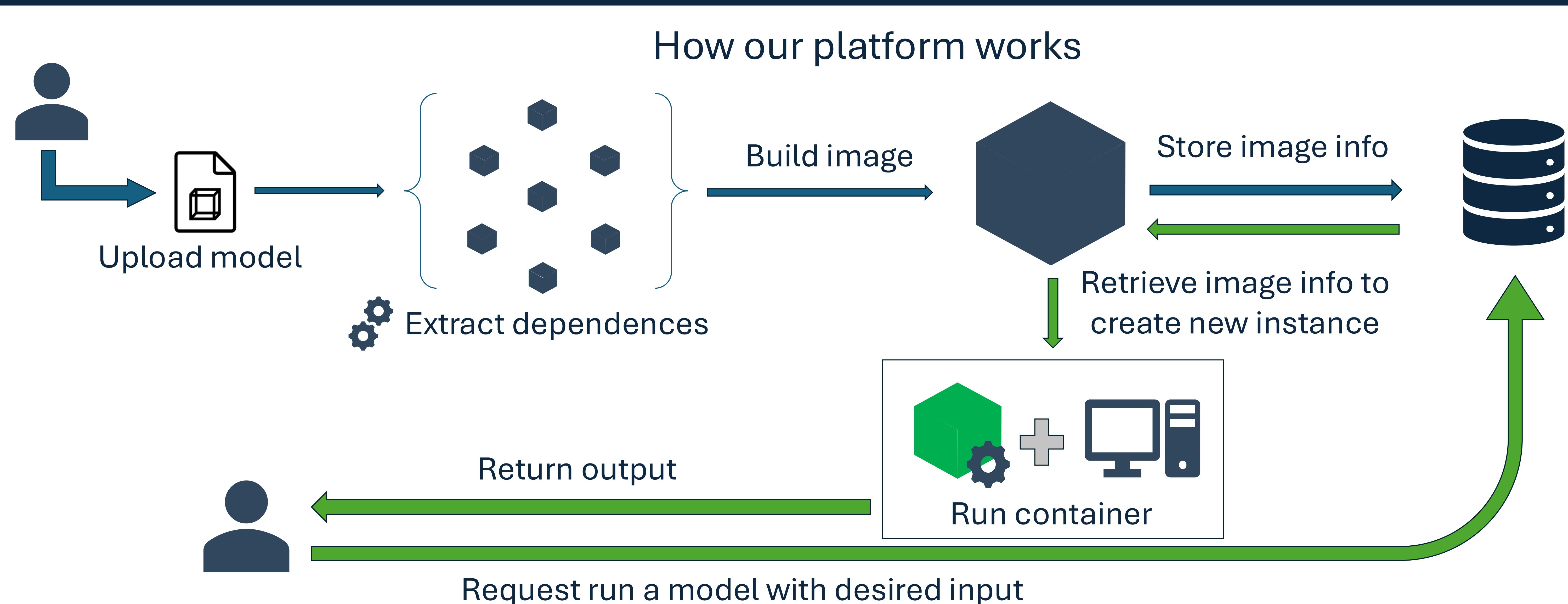
AI_LAB: A system for trained AI models deployment and hosting



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Abstract

AI-LAB is a centralized platform for deploying and hosting trained AI models, addressing challenges such as repetitive graduation project models, underutilization of models after graduation, and the lack of collaboration to improve existing models. The platform enables easy access to models through demos and APIs, with Token features like browse models by their category and access al model's papers and important info. Additionally, AI-LAB supports continuous model improvement through usage tracking, **fostering innovation and positioning the university as a leader in AI research adoption.**



Scope & achievements

- Facilitates seamless model access**
- Enables dynamic container execution**
- Monitors user engagement metrics**
- Promotes collaborative AI development**

Tools



The screenshots show the AI-LAB web interface. The first screen is the home page with a welcome message and sections for AI Model Hosting, Model Discovery, API Integration, and Usage Tracking & Feedback. The second screen shows a list of models, including "Arabic Audio Command Detector" and "Fancy Landscape Painter". The third screen is a detailed view of a model, showing inputs, outputs, and documentation. The fourth screen is a "Submit Your Model" form.

Web-pages

The screenshot shows a code editor with Python code for running a model and a terminal window displaying the execution results.

API call

The screenshot shows a documentation page for "Image-to-Image Translation" with sections for Object labeling, Edge Detection, and a "Code to Run Model" section.

Methodology

