Diagram key

- Todo App
- Existing external

Flask App

Gunicorn
[Container: Python Package]

An existing python package that provides a WSGI server

requests specific endpoints

Flask Router
[Component: Flask]

A simple router that calls the desired side-effects then populates and returns the appropriate Jinja template as an HTML page.

Calls

Item service
[Component: Python]

A service layer that manages the business logic for the todo app, hiding the trello implementation details from the flask router

Populates

uses

uses

Calls

Jinja Templates
[Component: Jinja]

A collection of Jinja templates that describe the UI for the todo app

Read

Models
[Component: Python]

The models used to interface between different components

uses

Trello API interface
[Component: CRUD api]

An interface layer between the webapp and the external Trello API, allowing trello to be replaced more easily in future.

Make API calls to
[HTTP]

Trello
[Software System]

An external service that has lots of advanced task management features

Watch for changes

Tailwind CLI
[Component: CSS]

Generate style sheets based on the template contents

uses

Environment Variables
[Component: .Env]

Required variables for the app e.g. the API keys and board IDs