Patterns for Flask

Certain features and interactions are common enough that you will find them in most web applications. For example, many applications use a relational database and user authentication. They will open a database connection at the beginning of the request and get the information for the logged in user. At the end of the request, the database connection is closed.

These types of patterns may be a bit outside the scope of Flask itself, but Flask makes it easy to implement them. Some common patterns are collected in the following pages.

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- Implementing API Exceptions
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• Using SQLite 3 with Flask

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SQLAlchemy in Flask

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• Form Validation with WTForms

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• Template Inheritance

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- Child Template
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- Flashing With Categories
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- Custom Error Pages
 - Common Error Codes
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 - Returning API errors as JSON
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 - Streaming from Templates
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- Subclassing Flask
- Single-Page Applications

