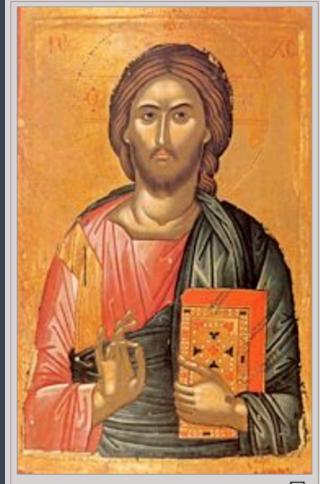
Build-Benedictions

buildben init_proj

Managing Multiple (Python) Projects & Dependencies

By Dr. Martin Kuric



Icon of Jesus Christ

Pantokrator by Theophanes
the Cretan. His right hand
is raised in benediction.

From Wikipedia:

"A **benediction** (Latin: bene, 'well' + dicere, 'to speak') is a short **invocation** for divine help, blessing and guidance [...]."

"Invocation is the act of calling upon a deity, spirit, or supernatural force, typically through prayer, ritual, or spoken formula, to seek guidance, assistance, or presence."

Build-Benedictions: Main Features

Standardize setups with **template scaffolds**:

- buildben init_proj : Create a new project in /src -layout.
- buildben add_experiment : Add a new experiment to a project.
- buildben init_database : Create a new central database. (WIP)

Integrate **popular CLI-tools**:

- direnv: Virtual environment & variables.
- pip-tools: Dependency management.
- just: For summarizing tasks (upgrade, test, etc.).
- Docker: Snapshot current state of project.

buildben.init_proj

Common Practice: requirements.txt & .venv

Common Practice: Installing from GitHub

Why this is not enough:

- requirements.txt only holds dependencies, not the project structure.
 - Python can't import local packages.
 - VS Code (sometimes) struggles with refactoring & typing across packages.
- requirements.txt not up-to-date?
- .venv not activated?

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