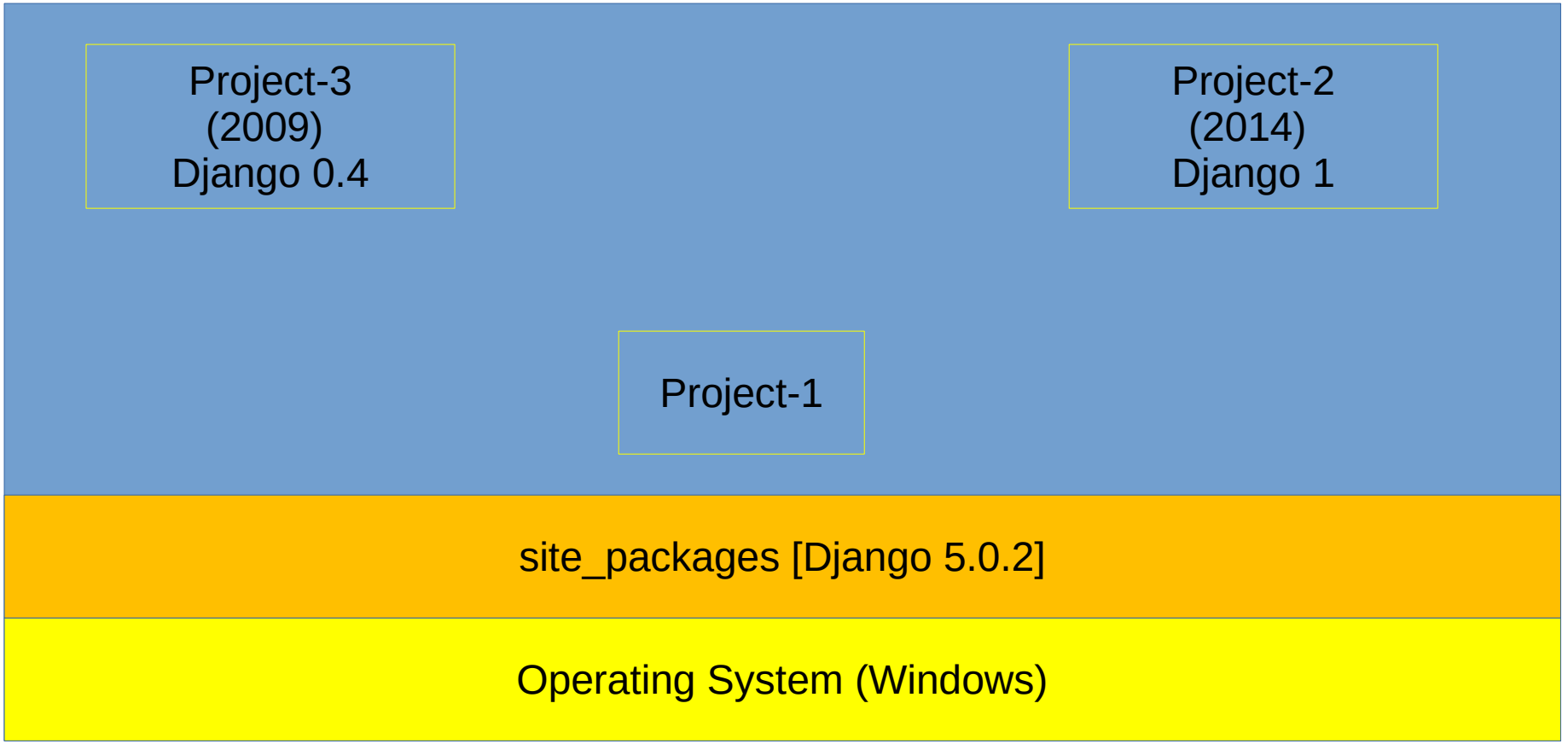
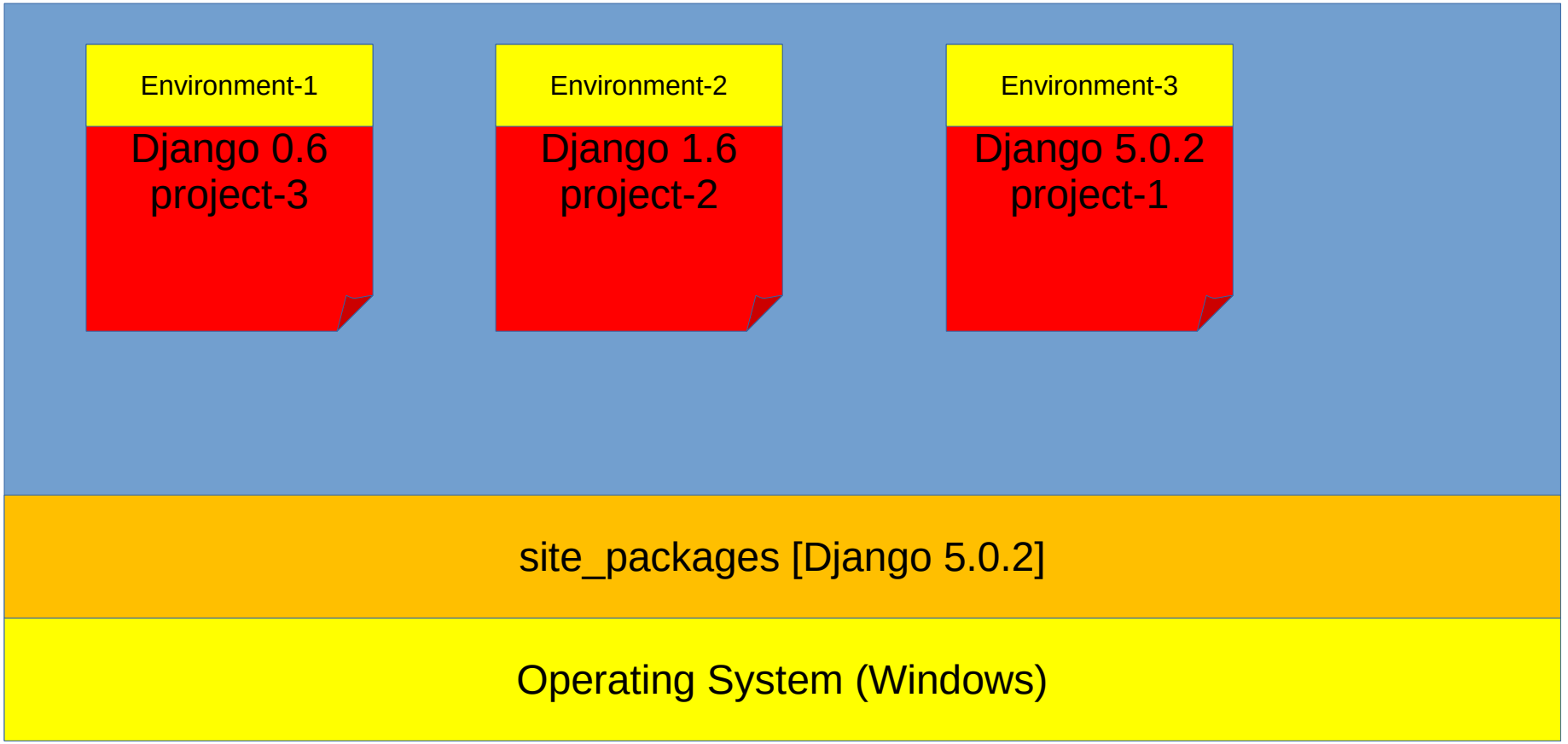

Project-3
(2009)
Django 0.4
Project-2
(2014)
Django 1
Project-1
site_packages [Django 5.0.2]
Operating System (Windows)


Environment-1
Django 0.6
project-3
Environment-2
Django 1.6
project-2
Environment-3
Django 5.0.2
project-1
site_packages [Django 5.0.2]
Operating System (Windows)

Virtual Environment Setup

- Create: virtualenv <Name>
- Active: source <Name>/bin/activate
- Deactivate: deactivate

PiP

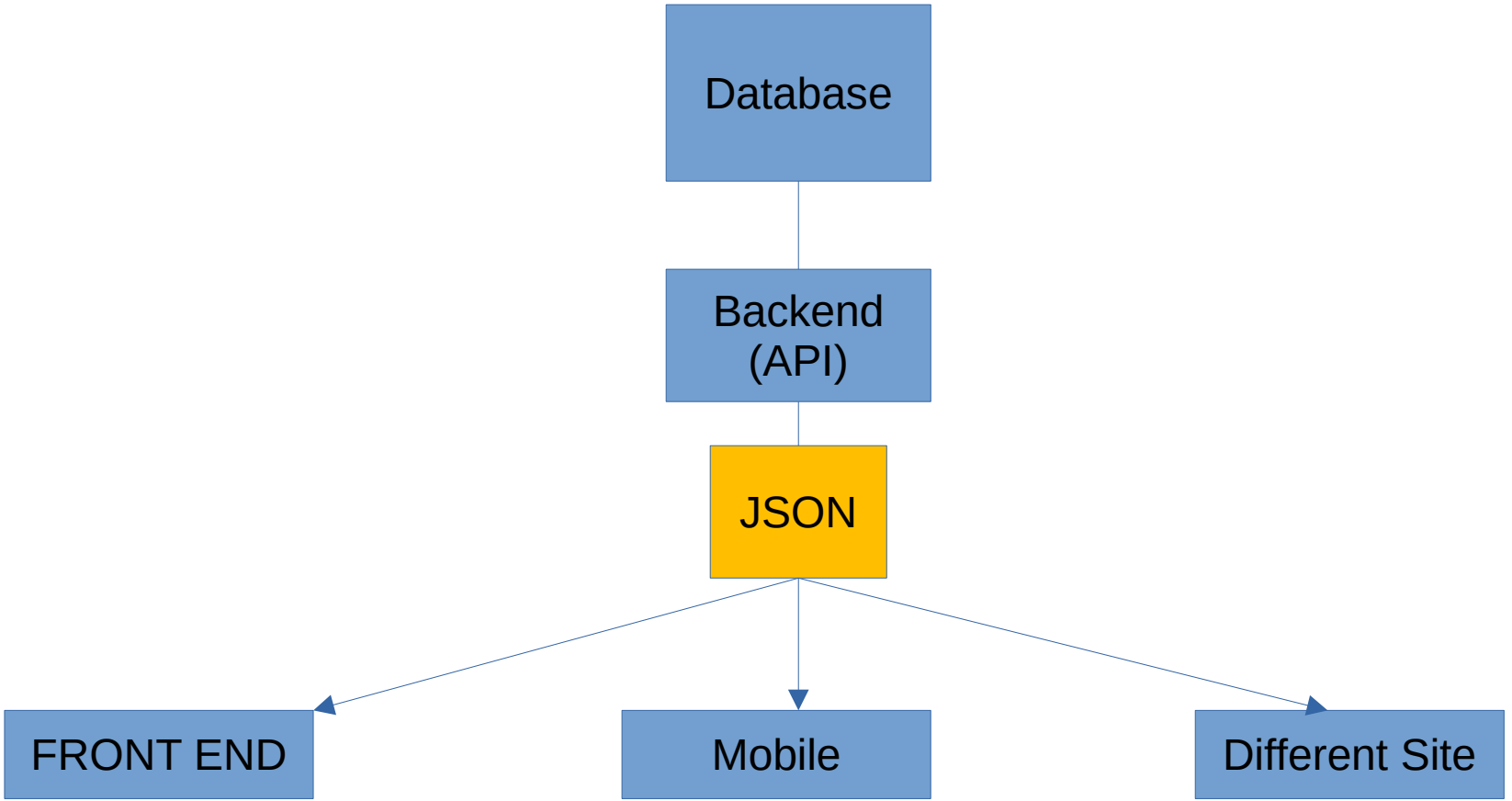
- List: pip list
- Install: pip install <package_name>
- Uninstall: pip uninstall <package_name>

OLD Days

Database
HTML/CSS/JS
Django

Database
Mobile Development

API



ID	Name	Department
1	Alice Smith	Computer Science
2	Bob Johnson	Mathematics
3	Carol Lee	Physics

JSON

```
[
  {
    "id": 1,
    "name": "Alice Smith",
    "department": "Computer Science"
  },
  {
    "id": 2,
    "name": "Bob Johnson",
    "department": "Mathematics"
  },
  {
    "id": 3,
    "name": "Carol Lee",
    "department": "Physics"
  }
]
```

HTTP (call) Method/Verbs

- **get** : (information giving)
  - /students (get all student)
  - /students/:id (for the specific id)
- **post**: (information adding)
  - /students
- **put**: (full information update)
  - /students/:id

HTTP (call) Method/Verbs

- **patch** : (partial information update)
  - /students/:id (for the specific id)
- **delete** : (a record delete)
  - /students/:id (for the specific id)

FRONTEND
REQUEST
BACKEND
RESPONSE

STATUS CODE	MEANING
200	OKAY
404	NOT FOUND