

Agenda.

- Sync \textcircled{vs} Async
- Dependency Injection.
- Anti Implementation

#

Sync

→ Synchronous code runs one task at a time.

→ Blocking

Task-1 | If both of these tasks are
Task-2 | Sync then they will execute
 one after another. ==

```
def fun():  
        
        
        
      
```

→ By default a fun is Sync.

#

ASync.

→ Non Blocking

Multiple tasks can be executed at a time.

async def fun2():

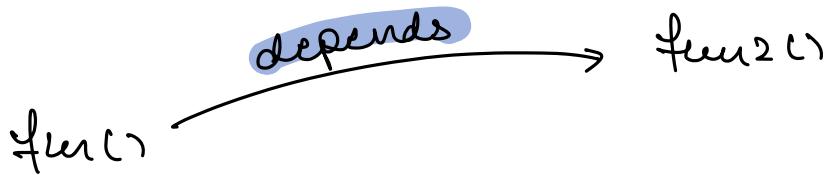
====

3

When should we use Asycn?

- file upload | download operations
- DB calls.
- Writing operations.

Dependency Injection.



⇒ Instead of creating dependencies | objects
ourselves, we ask fastAPI to give them to us.

⇒ Don't build things inside your function,
ask fastAPI to provide.

⇒

Depends.

$A \rightarrow B \rightarrow C \rightarrow D \rightarrow E$

↓

→ $xyab2cdmn \dots$
 ↑↑
→ $xyabc \dots$