



## 08. ROS service, ROS action fogalma, felhasználása

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### Elmélet

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#### Warning

ZH2 december 5. 12:35 BA.1.10 terem

### ROS Service

- Request/reply communication
- Use a client-server model
- Similar to Remote Procedure Calls (RPC)
- Blocking behavior by default (can be async)

#### ROS `.srv` files

```
int a
int b
---
int sum
```

```
#request constants
int8 F00=1
int8 BAR=2
#request fields
int8 foobar
another_pkg/AnotherMessage msg
---
#response constants
uint32 SECRET=123456
#response fields
another_pkg/YetAnotherMessage val
CustomMessageDefinedInThisPackage value
uint32 an_integer
```