

# Documentation of ROS2 package: Interfaces

## Description:

This is a package, generated from Generos to contain all the Custom Interfaces, created by the user. This package contains all the Messages, Services and Actions that the user created in the model. This document present these interfaces.

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# Topic Messages

## MSG: M1

M1 Objects

| Name | Type    | Default | Package  | Description         |
|------|---------|---------|----------|---------------------|
| a    | int64   |         | no       | description...      |
| b    | bool    | False   | no       | description333...   |
| c    | bool    |         | no       | descripsstion333... |
| h    | Header  |         | std_msgs |                     |
| s    | string  |         | no       | description444...   |
| y    | float32 |         | no       | description222...   |

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# Service Messages

## SRV: Addtwo

Addtwo Objects

| Name | Type | Default | Package | Description |
|------|------|---------|---------|-------------|
|------|------|---------|---------|-------------|

### Request

|   |       |   |    |               |
|---|-------|---|----|---------------|
| x | int32 | 0 | no | first number  |
| y | int32 | 0 | no | second number |

### Response

|   |        |  |          |                     |
|---|--------|--|----------|---------------------|
| b | bool   |  | no       | descripsstion333... |
| h | Header |  | std_msgs |                     |
| z | int64  |  | no       | The sum of x+y      |

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# Action Messages

## ACTION: Increase

Increase Objects

| Name | Type | Default | Package | Description |
|------|------|---------|---------|-------------|
|------|------|---------|---------|-------------|

### Goal

|       |       |   |    |              |
|-------|-------|---|----|--------------|
| start | int32 | 0 | no | start number |
| stop  | int32 | 0 | no | stop number  |

### Result

|       |      |  |    |                     |
|-------|------|--|----|---------------------|
| resus | bool |  | no | descripsstion333... |
|-------|------|--|----|---------------------|

### Feedback

|   |        |  |          |             |
|---|--------|--|----------|-------------|
| h | Header |  | std_msgs |             |
| z | int64  |  | no       | The counter |

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## ACTION: Dec

Dec Objects

| Name | Type | Default | Package | Description |
|------|------|---------|---------|-------------|
|------|------|---------|---------|-------------|

### Goal

|    |         |   |    |          |
|----|---------|---|----|----------|
| x1 | int64   | 0 | no | number 1 |
| x2 | float64 | 0 | no | number 2 |

### Result

|   |         |  |    |            |
|---|---------|--|----|------------|
| y | float64 |  | no | the result |
|---|---------|--|----|------------|

### Feedback

|    |         |  |          |                    |
|----|---------|--|----------|--------------------|
| h  | Header  |  | std_msgs |                    |
| yt | float64 |  | no       | The current result |

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