

# getParameterDefinition

getParameterDefinition(nameOrID)

## Description

Function to retrieve the [ParameterDefinition](#) object for a parameter. The parameter can be determined by name or ID. The [ParameterDefinition](#) object describes the properties of a parameter.

**Available in:** Controller, Processor.

## Arguments

|                 |                                  |                  |
|-----------------|----------------------------------|------------------|
| <b>nameOrID</b> | The name or ID of the parameter. | string or number |
|-----------------|----------------------------------|------------------|

## Return Values

Returns the [ParameterDefinition](#) object for the specified parameter.

```
-- print the parameter definition with corresponding data type of the parent layer's level parameter
function onLoadIntoSlot()

    local def = this.parent:getParameterDefinition("Level")

    print("Name = "..def.name..", "..type(def.name))
    print("ID = "..def.id..", "..type(def.id))
    print("Type = "..def.type..", "..type(def.type))
    print("Default = "..def.default..", "..type(def.default))
    print("Read Only = "..tostring(def.readOnly)..", "..type(def.readOnly))
    print("Min = "..def.min..", "..type(def.min))
    print("Max = "..def.max..", "..type(def.max))
    print("Unit = "..def.unit..", "..type(def.unit).."\n")

end
```

**See Also:** [ParameterDefinition](#)