

# Command (List of Functions)

**Function** The function **Command** is used for sending a text command to a specified D2000 system client process, or to the [D2000 Server](#) process. [List of text commands](#) is still increasing in consequence of development. The current list can be acquired by means of the process [D2000 Application Manager](#).

**Declaration** `APIRET Command(const char *cmd, HOBj procesId, const char *procesName, int bTransAct);`

**Parameters** The parameter *cmd* represents the text command to send to a process. *procesId* is the unique identifier of the process in the system. If it is 0, there will be used the parameter *procesName* that must contain the client process name.  
If *procesId=0* and *procesName* is NULL or empty string, the text command will be sent to the [D2000 Server](#) process.  
The parameter *bTransAct* determines calling the function - synchronous (*bTransAct* != 0) or asynchronous (*bTransAct* = 0). For asynchronous command execution, the command is sent to the system as a request and the function doesn't wait for its completion. For synchronous command execution, the function waits for its completion. This allows to test its successful (or unsuccessful) execution.

**Return code**

| Code             | Description  |
|------------------|--|
| API_OK           | Object opened correctly.   |
| API_TimeoutError | For synchronous execution, maximum time was exceeded.            |
| API_TR_Abort     | For synchronous execution, command execution was not successful. |
| API_TR_Error     | For synchronous execution, command execution was not successful. |
| API_TR_Ignored   | For synchronous execution, command execution was not successful. |
| API_ParamError   | Incorrect parameters.  |



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