

Application for ERP Gateways:

Switch digital outputs with ABAP

Testing

The ABAP routine described here shows how using the Wayback procedure you can switch the digital outputs on the ERP Gateway. The code can be copied directly into your own ABAP projects, whereby the execution takes place there as a response to the occurrence of particular events.

For example, using the ERP Gateway you can signal under- or overlimit violations of quantities or utilization on a light column directly from SAP.

1. Preparations

You have already supplied your ERP Gateway(s)

- with power,
- connected it to your network,
- assigned it an IP address - which with [WuTility](#) is no problem.

As for the rest, the ERP Gateway is already fully pre-configured.

2. The ABAP source code

The following example codes can be copied and pasted directly. Only the **red** marked assignments in the first four lines need to be replaced by your own parameters:

- **user = command with the desired status of the outputs**
e.g. "output0=on" switches the first output of the ERP Gateway on,
"output1=off" switches the second output of the ERP Gateway off.
- **pwd = Wayback password**
corresponding to the password stored in the ERP Gateway
- **host = IP address or host name of the ERP Gateway**

Source text as text file: [Download](#)

```
data:
user(30) type c value output1=on',
pwd(30) type c,
host(64) type c value 192.168.0.40',
dest like rfcdes-rfcdest value 'SAPFTP'.
pwd = test'
data:
hdl type i,
key type i value 26101957,
slen type i.
data:
begin of result occurs 0,
line(100) type c,
end of result.
set extended check off.
slen = strlen( pwd ).
call function 'HTTP_SCRAMBLE'
exporting
    source      = pwd
    sourcelen   = slen
    key         = key
importing
    destination = pwd.
call function 'FTP_CONNECT'
exporting
    user        = user
    password    = pwd
    host        = host
    rfc_destination = dest
importing
    handle      = hdl.
call function 'FTP_DISCONNECT'
exporting
    handle      = hdl.
call function 'RFC_CONNECTION_CLOSE'
exporting
    destination = dest
exceptions
    others      = 1.
```



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