



Mercury DOCUMENT & FORMS Management

XML-RPC Programming Interface

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What is the Mercury XML-RPC Interface?

- With the help of the Mercury **XML-RPC Interface**, the whole functionality of the Mercury-system, including all emulations, can be remote controlled.
- Standard script languages, like PYTHON, RUBY, PHP and many others, can be directly used.
- This enables Mercury to be integrated into other program systems or procedures.
- The user is able to design individually his own user interface.
- Based on the **XML-RPC Interface**, a web-interface is also available within Mercury V.5.x.

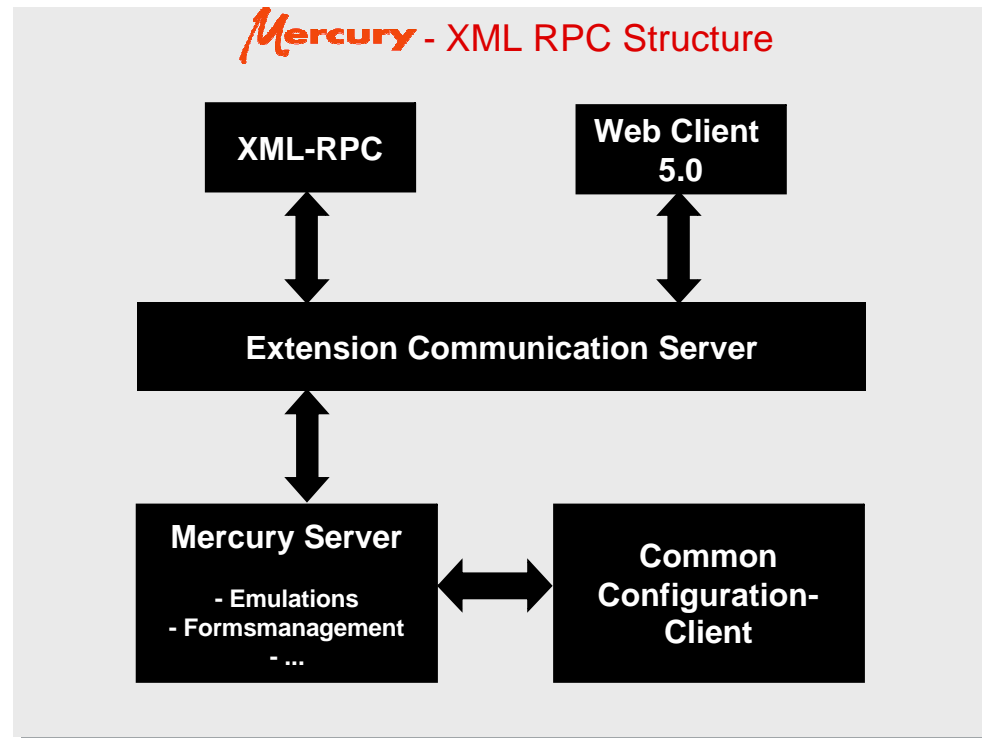
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Design of the Mercury XML-RPC Structure

Interfaces:

Communication Module:

Mercury Software:
(modular Design)



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Extract from the Function List of the XML-RPC Interface

- server.login ➤ Registration at the Mercury server
- server.logout ➤ Log out from the server
- server.getstate ➤ Determine status of the server
- printprocess.getlist ➤ Request list of all printing paths
- printprocess.control ➤ Start or stop printing path
- device.getlist ➤ Request list of all printing devices
- device.get ➤ Request information about a device
- job.getlist ➤ Request list of all print jobs
- job.control ➤ Print, stop, delete, etc. a print job

Mercury DOCUMENT & FORMS Management Programming Example of the XML-RPC Interface

```
■ ##### Establish server connection #####  
s_rpcconnect = {  
    "user"      : "#ADMIN",  
    "password"  : "MD5:e3afed0047b08059d0fada10f400c1e5"  
}  
s_login = {  
    "version"   : "4.29",  
    "apptype"   : 1,  
    "clienttype": 1,  
    "customer"  : 1,  
    "rpcconnect": s_rpcconnect  
}  
result = server.server.login(s_login)  
if result['code'] == 0:  
    s_session = { "session" : result['session'] }  
##### Determine list of all print jobs #####
```

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Mercury Web-Client (available within Mercury 5.0)

Mercury Client - Microsoft Internet Explorer

Adresse: http://127.0.0.1/mercury/nps-monitor.php

docuFORM GmbH - Mercury

Dienstag, 8. Mai 2007 13:54:57
Logged in as: superadmin
Logout

Server state: **Running** Process: WebClient Test [Stop] 8 Jobs (# active) Administration...

User: [] Device: []

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GTrietsch_ka_docuform_de_9100

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State: **Printed kept**

pages: 8 printed

Type: unknown

Size: 702 Bytes

Created: 05-08-2007 13:54:23

User: GTrietsch.ka.docuform.de

id: 112250

Print Reprint

Redirect Schedule

Pause Release

Cancel Delete

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GTrietsch.ka.docuform.de	172.16.3.33	Online	05/08/2007 13:54:54	Basic	

Internet

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Unlimited Possibilities

