

SOLIDserver Expert-Level Customization Course



TRAINING SUMMARY

Overview:

Via the hands-on training, the participants will acquire the knowledge of the development environment of the SOLIDserver and the associated tools, in order to develop additional modules.

Objectives:

By the end of the course, the students will be able to:

- Describe the development environment of the SOLIDserver (Rules, Macros, Services)
- Analyze an example of an add-on module

- **SOLIDserver software version:** 8.0
- **Course type:** Instructor-led (on site, remote)
- **Duration:** 0.5 day (on-site), 4 hours (remote)
- **Audience:** System and network administrators
- **Prerequisites:** attendance to the course 'SOLIDserver API Crash Course'
- **Teaching Methodology:** lectures and laboratory sessions
- **Certification:** no

COURSE CONTENT

Module 1: Software Development Framework Description

- Functional architecture description
- Introduction to the Rules
- Rules description
- Rules of type 'authorization' description
- Rules of type 'cron' description
- Macros description
- Services description

Module 2: Deep Dive Into the the Development Environment

- Going further with the Development APIs
- Going further with the macros: the Menu APIs
- How to debug

COURSE ABSTRACT

3 Rules Description

Lab : Rule in Action [cont.]

```

ip_site_list
WHERE=site_class_name%3D%27Country%27+
and+site_name%3D%27Test%27
    
```

space_class_name='Country'

```

<?php
include_once("macros.inc");
include_once("ip_functions.inc");
include_once("ipm_functions.inc");
if ($ipm_argv["is_ipm_register"])
{
    ipm_register_rule("ip_site_add", "EIP", "Copy space as group ressource");
    return TRUE;
}

$where = "site_class_name=" . urlencode($ipm_argv['space_class_name']) . " ";
if ($ipm_argv["is_ipm_start_rule"])
{
    and site_name='Test'
}
else
{
    $where .= " and site_name=" . urlencode($ipm_argv['site_name']) . " ";
}

$cmd = "ip_site_list WHERE=" . urlencode($where) . ";
$res = ipm_call_service_admin($cmd);
while ($value = ipm_fetch_result($res))
{
    $site_name = $value["site_name"];
    $cmd_add_group = "group_site_add
grp_name=" . urlencode($ipm_argv['group_name']) . "&site_name=" . urlencode($site_name);
    ipm_call_service_admin($cmd_add_group);
}
?>
    
```

group_site_add
grp_name=France&site_name=Test

site class name='Country' and site_name='Test'

group_site_add
grp_name=France&site_name=Test

efficient iP™

Property of Efficient IP. All rights reserved - Copyright © 2020.

MODULE 1 - Page 44