



What's In What State (WIWS)

June 2017

LogMatrix NerveCenter

WIWS - The Objective

WIWS represents **What's In What State of NerveCenter.**

This API establishes access to the NerveCenter Server Alarm Summary. It is the live listing of the Alarm Instances running within NerveCenter at any moment.

Each entry within the Alarm Summary is an Alarm Instance; the WIWS API provides programmatic access to the Alarm Summary and the Alarm Instance members so as to be able monitor their status, their State, and even perform updates on them - such as force them to change State or return to Ground.

This is achieved through a Perl Script Command Line Interface.

NerveCenter API - NC6+ Features

01

Node List Access

02

Node Manipulation

03

Fire Trigger, Send Trap

WIWS - In the Works for July '17



AlarmDefinition



Severity



AlarmInstance



Perl Documentation

WIWS Use Case Scenario

```
#####  
#   RESET ALL ALARM INSTANCES OF A GIVEN NODE TO GROUND  
#####  
  
use NerveCenter;  
use NerveCenter::AlarmInstance;  
use NerveCenter::Node;  
  
#Login to NerveCenter  
  
my $session = NerveCenter->session( -hostname => $hostname,  
                                     -hostport => $port,  
                                     -username => $username,  
                                     -userpassword => $password );  
  
#Get NodeId using NodeName|  
  
my $node = new NerveCenter::Node( -session => $ncserver, -name => $nodeName );  
  
#Get all alarmInstances Ids using NodeId  
  
my @alarmInstIds = $ncserver->alarminstanceidsbynode(-id => $nodeId);  
  
#Iterate all AlarmInstance and Reset to Ground  
  
foreach my $alarmInstId ( @alarmInstIds ) {  
    my $alarmInstance = new NerveCenter::AlarmInstance( -session => $ncserver, -id => $alarmInstId );  
    $alarmInstance->set( "state","Ground");  
    $alarmInstance->save();  
}  
#####
```

Connect to your NerveCenter server.

Access node & alarm definitions
as well as alarm instances.

Manipulate and save changes.
Here, moving alarm instances
back to Ground state..



To find out more, contact us!

+1 (800) 892-3646

info@logmatrix.com

support@logmatrix.com

June 2017

LogMatrix NerveCenter