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<!DOCTYPE html>
<title>Samsung Printer Consumables - EN</title>
<link rel="stylesheet" href="//code.jquery.com/ui/1.11.4/themes/smoothness/jquery-ui.css">
<link rel='stylesheet' href="style.css"/>
<script src="//code.jquery.com/jquery-1.10.2.js"></script>
<script src="//code.jquery.com/ui/1.11.4/jquery-ui.js"></script>
<meta http-equiv="refresh" content="60">
<meta name="viewport" content="width=device-width, initial-scale=1">
<script type="text/javascript" src="countdown.js"></script>
<?php

ini_set('default_socket_timeout',5);
$timeout = '300';
$retries = '10';
$community = "public";
$oin_loc = "1.3.6.1.2.1.1.6.0"; //location
$oin_sta = "1.3.6.1.2.1.25.3.2.1.5.1"; //status 1-unknown 2-running 3-warning 4-testing
5-down
$oin_cya = "1.3.6.1.2.1.43.11.1.1.9.1.1"; //toner levels
$oin_mag = "1.3.6.1.2.1.43.11.1.1.9.1.2";
$oin_yel = "1.3.6.1.2.1.43.11.1.1.9.1.3";
$oin_blk = "1.3.6.1.2.1.43.11.1.1.9.1.4";
$oin_tr1 = "1.3.6.1.2.1.43.8.2.1.10.1.1"; //paper levels
$oin_tr2 = "1.3.6.1.2.1.43.8.2.1.10.1.2";
$oin_tr3 = "1.3.6.1.2.1.43.8.2.1.10.1.3";
$oin_tr4 = "1.3.6.1.2.1.43.8.2.1.10.1.4";
$oin_srl = "1.3.6.1.2.1.43.5.1.1.17.1"; //serial num

// $oin_typ1 = "1.3.6.1.2.1.43.8.2.1.12.1.1"; //tray paper sizes - not currently used
// $oin_typ2 = "1.3.6.1.2.1.43.8.2.1.12.1.2";
// $oin_typ3 = "1.3.6.1.2.1.43.8.2.1.12.1.3";
// $oin_typ4 = "1.3.6.1.2.1.43.8.2.1.12.1.4";

$printers = file("printers.txt"); //input txt file with IP addresses in chosen order
$number_of_printers = count ($printers);

for ( $i = 0 ; $i < $number_of_printers ; $i++)
{

$ip=str_replace("\r\n", "", $printers[$i]);
$ip=str_replace("\r", "", $ip);
$ip=str_replace("\n", "", $ip);

$test=@get_headers("http://$ip");
if (count($test)==1){
//do stuff here
echo "<div class='printerwrapper'<div class='location'>$ip is unavailable</div></div>";
continue;
}

snmp_set_valueretrieval(SNMP_VALUE_PLAIN);
$loc = snmpget($ip, $community, $oin_loc, $timeout, $retries);
$sta = snmpget($ip, $community, $oin_sta, $timeout, $retries);
$cya = snmpget($ip, $community, $oin_cya, $timeout, $retries)*100/30000; //colours are
calculated at a value out of 30000
$mag = snmpget($ip, $community, $oin_mag, $timeout, $retries)*100/30000;
$yel = snmpget($ip, $community, $oin_yel, $timeout, $retries)*100/30000;
$blk = snmpget($ip, $community, $oin_blk, $timeout, $retries)*100/45000; //high-capacity black
is value out of 45000
$tr1 = snmpget($ip, $community, $oin_tr1, $timeout, $retries)*100/520; //paper levels value
out of 520
$tr2 = snmpget($ip, $community, $oin_tr2, $timeout, $retries)*100/520;
$tr3 = snmpget($ip, $community, $oin_tr3, $timeout, $retries)*100/520;
$tr4 = snmpget($ip, $community, $oin_tr4, $timeout, $retries)*100/520;

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$sr1 = snmpget($ip, $community, $oin_sr1, $timeout, $retries);
$typ1 = 'A4';
$typ2 = 'A4';
$typ3 = 'A4';
$typ4 = 'A3';

if ($sta==2) $sta = "OK";           //changed header colour based on status
if ($sta==3) $sta = "Warning";
if ($sta==5) $sta = "ERROR";

echo "<div class='printerwrapper'>";
echo "<div class='location $sta'>$loc <a href='http://$ip'>$ip</a> $sta</div>";
echo "<div class='serial'>Serial No $sr1</div>";

echo "<div class='tray1 linelabel'><div class='progresswrapper'><div id='tray1$i'
class='progress tray1' ><div class='progress-label'>Tray1 $typ1 $str1%</div></div></div></div>";
echo "<div class='tray2 linelabel'><div class='progresswrapper'><div id='tray2$i'
class='progress tray1' ><div class='progress-label'>Tray2 $typ2 $str2%</div></div></div></div>";
echo "<div class='tray3 linelabel'><div class='progresswrapper'><div id='tray3$i'
class='progress tray1' ><div class='progress-label'>Tray3 $typ3 $str3%</div></div></div></div>";
echo "<div class='tray4 linelabel'><div class='progresswrapper'><div id='tray4$i'
class='progress tray1' ><div class='progress-label'>Tray4 $typ4 $str4%</div></div></div></div>";

echo "<div class='black linelabel'><div class='progresswrapper'><div id='black$i'
class='progress black' ><div class='progress-label' style='color:gray'>Black
$blk%</div></div></div></div>";
echo "<div class='cyan linelabel'><div class='progresswrapper'><div id='cyan$i'
class='progress cyan' ><div class='progress-label'>Cyan $cya%</div></div></div></div>";
echo "<div class='magenta linelabel'><div class='progresswrapper'><div id='magenta$i'
class='progress magenta' ><div class='progress-label'>Magenta $mag%</div></div></div></div>";
echo "<div class='yellow linelabel'><div class='progresswrapper'><div id='yellow$i'
class='progress yellow' ><div class='progress-label'>Yellow $yel%</div></div></div></div>";

echo '<script>$(function() {$( "#cyan'.$i.'" ).progressbar({value:'. $cya.'});});</script>';
echo '<script>$(function() {$( "#magenta'.$i.'" ).progressbar({value:'. $mag.'});});</script>';
echo '<script>$(function() {$( "#yellow'.$i.'" ).progressbar({value:'. $yel.'});});</script>';
echo '<script>$(function() {$( "#black'.$i.'" ).progressbar({value:'. $blk.'});});</script>';
echo '<script>$(function() {$( "#tray1'.$i.'" ).progressbar({value:'. $str1.'});});</script>';
echo '<script>$(function() {$( "#tray2'.$i.'" ).progressbar({value:'. $str2.'});});</script>';
echo '<script>$(function() {$( "#tray3'.$i.'" ).progressbar({value:'. $str3.'});});</script>';
echo '<script>$(function() {$( "#tray4'.$i.'" ).progressbar({value:'. $str4.'});});</script>';

echo "</div>";
}
echo "<div class='printerwrapper'><div class='location'><script
language='Javascript'>document.write('Last Update: ' + document.lastModified
+'');</SCRIPT><br/><br/></div></div>"; //shows last update

echo "<div class='timerwrapper'><span id='timer'></span><br/><br/></div>"; //60-second
countdown to next refresh
?>

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