

```
<html>
<head>
<title>Currency Form</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
<LINK href="intouch.css" type=text/css rel=stylesheet>
</head>

<body bgcolor="#FFFFFF" text="#000000">
<?php
$datevar = time();
$filename = "currency.csv";
// set default values for the record fields to display when the form first
displays.
// These same values will be used when 'NEW' is submitted.
$vnum = get_next_num();
$vname = 'Enter Name';
$vshortname = 'Enter Short Name';
$vsymbol = 'S';
$verror = NULL;
?>

<?php
if ($_POST)
{
    global $verror;
    $action = $_POST [currency]['action'];
    $vsearchid = htmlspecialchars($_POST [currency]['searchid']);
    $vid      = htmlspecialchars($_POST [currency]['currency_id']);
    $vname    = htmlspecialchars($_POST [currency]['currency_name']);
    $vshortname = htmlspecialchars($_POST [currency]['currency_sname']);
    $vsymbol  = htmlspecialchars($_POST [currency]['currency_sym']);
    // $vsymbol = htmlspecialchars($_POST [currency]['currency_sym']);
    $vcreated = $datevar;
    $vmodified = $datevar;
    $noduplicate = True;

    switch ($action) {
        case 'SAVE':
            // Test for a duplicate id before adding. Do not permit update, as that
            is not yet coded.
            if ( ($noduplicate = nodups($vid)) == True )
            {
                process_save($vid, $vname, $vshortname, $vsymbol, $vcreated, $vmodified);
                process_new();
                $verror = NULL;
            }
            else {
                $verror = "Cannot save an existing currency with this form. Please
contact HelpDesk.\n";
                process_new();
            }
            break;
        case 'NEW':
            process_new();
            break;
        case 'SEARCH':
            process_search($vsearchid);
            break;
    }
}
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        case 'DELETE':
            process_delete();
            break;
        default:
            refresh();
            break;
    }
} //end if $_post

// test for an existing currency record with the same id as the new one. If id
is found, then return
//    False. If no dup is found, return True.
function nodups($vid)
{
    global $filename;
    if ($fp = fopen($filename, "r"))
    {
        while (($currencies = fgetcsv($fp, 0, "|")) !== FALSE)
        {
            $vnum = htmlspecialchars($currencies[0]);
            if ($vnum == $vid)
            {
                return False;
            }
        }
    }
    else { $verror = "Error accessing $filename.Plese report this problem to
HelpDesk.\n"; }

    return True;
}

//Find an existing currency record and if found, set the form field values to
display.
function process_search($vsearchid)
{
    global $verror;
    global $filename;
    global $vnum;
    global $vname;
    global $vsname;
    global $vsymbol;

    if ($fp = fopen($filename, "r"))
    {
        while (($currencies = fgetcsv($fp, 0, "|")) !== FALSE)
        {
            $vnum = htmlspecialchars($currencies[0]);
            if ( $vnum == $vsearchid )
            {
                //$vname    = htmlspecialchars($currencies[3]);
                $vname    = $currencies[3];
                $vsname   = $currencies[4];
                $vsymbol  = $currencies[5];
                return $retval;
            }
        }
    }
    $verror = "No currency with that ID is found.\n";
}
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        process_new();
        fclose($fp);
        return $retval;
    }
    else { $verror = "could not open file"; }

    return $retval;
}

// save a new currency record, appending it to the end of the file.
function process_save($vid, $vname, $vsname, $vsymbol, $vcreated, $vmodified)
{
    global $filename;

    if ($fp = fopen($filename, 'a'))
    {
        $len = fprintf($fp,
"%s|%s|%s|%s|%s\n", $vid, $vcreated, $vmodified, $vname, $vsname, $vsymbol[0] );
        fclose($fp);
        return $retval;
    }
    else
        $verror = "error opening $filename for append.\n";

    return $retval;
}

// set up the form for a new record to be added. Prepopulate the fields with
the next ID number, and default field values
function process_new()
{
    global $vnum;
    global $vname;
    global $vsname;
    global $vsymbol;

    $vnum = get_next_num();
    $vname = 'Enter Name';
    $vsname = 'Enter Short Name';
    $vsymbol = '$';
    return $retval;
}

// Placeholder for delete function - not yet available.
function process_delete()
{
    echo "process_delete function.\n";
    return $retval;
}

//Read the currency file field 1 and add '1' to the last number found. This
assumes that the
// records are in order, so is not a robust test; however, it works for
demonstration purposes.
// Ideally, the records might be held in an array and re-ordered if necessary
to keep the numbers
// in sequence.
function get_next_num()
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```
{
    global $filename;
    if ($fp = fopen($filename, "r"))
    {
        while (($currencies = fgetcsv($fp, 0, "|")) !== FALSE)
        {
            $vnum = htmlspecialchars($currencies[0]);
        }
        $retval = 1 + $vnum;
        fclose($fp);
        return $retval;
    }
    else { $verror = "could not open file"; }
}

// display() is called by show_form() and fills the currency list on the left
// side of the page.
function display()
{
    global $filename;

    if ($fp = fopen($filename, "r"))
    {
        while (($currencies = fgetcsv($fp, 0, "|")) !== FALSE)
        {
            $v0 = $currencies[0];
            $v3 = $currencies[3];
            $v4 = $currencies[4];
            // $v5 = htmlspecialchars($currencies[5]);
            $v5 = $currencies[5];

            echo "<tr><td>$v0</td><td>$v3</td><td>$v5</td></tr>";
        }
        fclose($fp);
    }
    else { $verror = "could not open file"; }
}

// paint the form on the screen. Use variables for the field values, so that
// the same show_form()
// function will work whether for a new record, or to display a searched for
// record.
function show_form()
{
    global $verror;
    global $vnum;
    global $vname;
    global $vsname;
    global $vsymbol;

    $vname = str_replace(' ', '&nbsp;', $vname);
    $vsname = str_replace(' ', '&nbsp;', $vsname);

    echo '
<form name="currency" method="post" action="" enctype="multipart/form-data">
  <table width="800" border="0" cellspacing="0" cellpadding="0" height="500"
  align="center">
    <tr>
```

```
<td valign="top">
  <table width="800" border="0" cellspacing="0" cellpadding="0"
align="center">
  <tr>
    <td valign="middle" width="238" align="left">
      <h2> </h2>
    </td>
    <td valign="middle" width="497">
      <h2>Intouch Payments Switch [IPSWITCH]</h2>
    </td>
    <td valign="middle" width="65"><a href="construction.php"
target="_blank">Overview</a></td>
  </tr>
</table>
  <table width="100%" border="0" cellspacing="0" cellpadding="0"
height="30" bgcolor="#009999">
  <tr bgcolor="#00CCCC">
    <td width="28%">
      <div align="center"><a href="construction.php"><font
color="#FFFFFF">Members</font></a></div>
    </td>
    <td width="24%">
      <div align="center"><a href="construction.php"><font
color="#FFFFFF">Activity
Type</font></a></div>
    </td>
    <td width="26%">
      <div align="center"><a href="construction.php"><font
color="#FFFFFF">HOME</font></a></div>
    </td>
    <td width="22%">
      <div align="center"><a href="construction.php"><font
color="#FFFFFF">Exchange
Rate</font></a></div>
    </td>
  </tr>
</table>
  <table width="100%" border="0" cellspacing="0" cellpadding="0">
  <tr>
    <td valign="top" bgcolor="#FFFFCC">
      <table width="100%" border="0" cellspacing="0" cellpadding="5">
        <tr>
          <td bgcolor="#009900">
            <h4><font color="#FFFFFF">Currency</font></h4>
          </td>
        </tr>
        <tr>
          <td>
            <input type="text" name="currency[searchid]" size="50">
            <b><input name="currency[action]" type="submit" id="SEARCH" value="SEARCH"
/></b>
          </td>
        </tr>
        <tr>
          <td height="8" valign="top">
            <table width="100%" border="0" cellspacing="0"
cellpadding="5">
              <tr>
```

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        <td><b>ID</b></td>
        <td><b>Name</b></td>
        <td><b>S</b></td>
    </tr>';

display();

        echo '</table>
    </td>
</tr>
</table>
</td>
<td valign="top">
    <table width="100%" border="1" cellspacing="5" cellpadding="5">
        <tr>
            <td height="25">
                <h2>Details</h2>
            </td>
        </tr>
        <tr>
            <td>
                <table width="100%" border="0" cellspacing="0"
cellpadding="0">
                    <tr>
                        <td>ID</td>

<td> <input type="text" name="currency[currency_id]" value=';
echo "$vnum";
echo ' size="2"></td>
                    </tr>
                    <tr>
                        <td height="2">Name</td>
                        <td height="2">
                            <input type="text" name="currency[currency_name]"
value=';
echo "$vname";
echo ' size="40">
                    </td>
                    </tr>
                    <tr>
                        <td height="2">Short Name</td>
                        <td height="2">
                            <input type="text" name="currency[currency_sname]"
value=';
echo "$vsname";
echo ' size="40">
                    </td>
                    </tr>
                    <tr>
                        <td height="2">Symbol</td>
                        <td height="2">
                            <input type="text" name="currency[currency_sym]"
value=';
echo "$vsymbol";
echo ' size="1">
                    </td>
                </tr>
            </table>
        </td>
    </tr>
</table>
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        </td>
      </tr>
      <tr>
        <td>
          <div align="right"> <b>
            <input name="currency[action]" type="submit" id="NEW"
value="NEW" /> |
            <input name="currency[action]" type="submit" id="SAVE"
value="SAVE" /> |
          DELETE</b>
          </div>
        </td>
      </tr>
    </table>
  </td>
</tr>
</table>
<p>&nbsp;</p>
</td>
</tr>
</table>
</form>;
} // end show_form()

show_form();
?>
<?php
// test for any errors to display; and then reset error flag.
if ($verror != NULL)
{
  echo "<span style='font-weight:bold;margin-left:6em;'>$verror</span>";
  $verror = NULL; // reset
}
?>
</body>
</html>
```