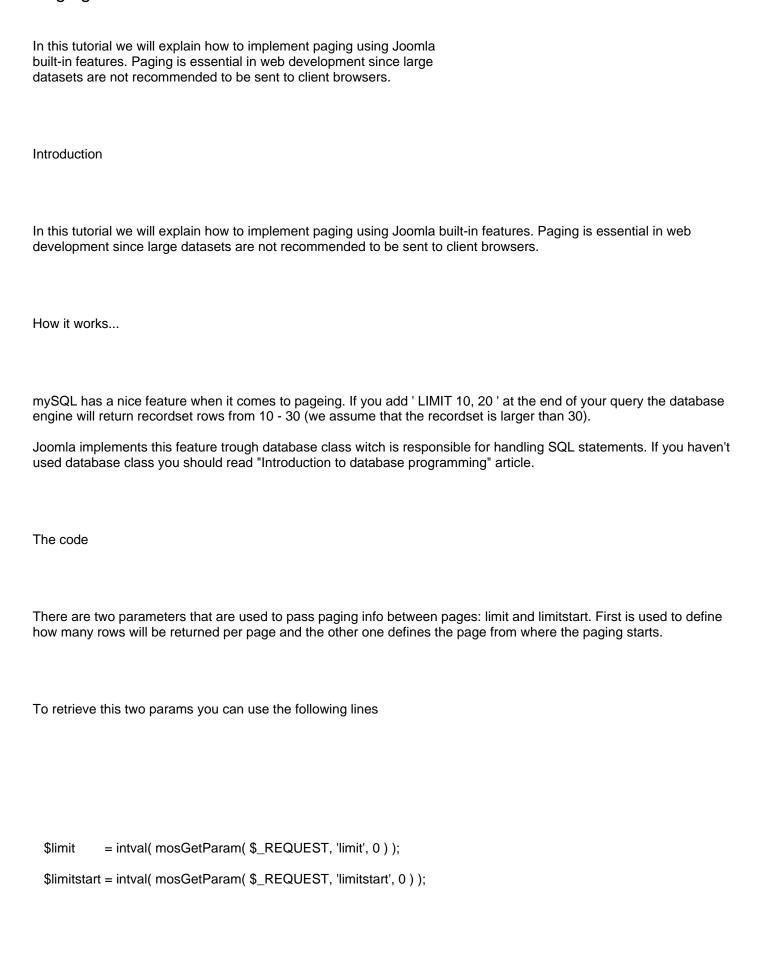
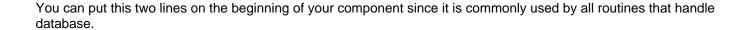
Paging in Joomla





Next step is to find out how many rows will be returned by the query on which you intend to implement paging.

```
$query = "SELECT COUNT(id) FROM #__users";
$database->setQuery( $query );
$total = $database->loadResult();
```

Now we must make sure that we set \$limit and \$limitstart variables in case they haven't been set yet.

```
$limit = $limit ? $limit : 15;
if ( $total <= $limit ) {
    $limitstart = 0;
}
```

The first line sets the \$limit to 15 if it hasn't been set yet. That means 15 items per page. User can change this number later using a drop-down box.

The second line sets the \$limitstart to 0 in case that total number of items is less than \$limit variable, insuring that something will be displayed if the \$limitstart is greater than max.

Now we must include pageNavigation.php and create mosPageNav object.

```
require_once( $GLOBALS['mosConfig_absolute_path'] . '/includes/pageNavigation.php' );
$pageNav = new mosPageNav( $total, $limitstart, $limit );
```

Then execute a real guery with all fields we need to display our items, and pass \$limitstart and \$limit to \$database object.

```
$query = "SELECT id. name, username, email FROM #__users";
$database->setQuery( $query, $limitstart, $limit );

$rows = $database -> loadObjectList();

for( $i=0; $i<count($rows); $i++ )
{
    $row = $rows[$i];
    echo $row->name." / ".$row->username." / ".$row->email."<br/>
}
```

This will write all users on current page to client browser.

To draw paging we use the following code.

```
<div style="position: relative; float: left;">
       <div style="float: right;">Display #
             <?php
               echo $pageNav->getLimitBox( $link );
             ?>
       </div>
       <div style="float: left;">
          <?php
            echo $pageNav->writePagesLinks( $link );
          ?>
       </div>
     </div>
     <div style="position: relative; float: left;">
       <?php
          echo $pageNav->writePagesCounter();
       ?>
</div>
```

This last piece of code can be rearranged, so you can fit it to your component the way you like it.

Summary

This is very basic example of paging implementation in Joomla component, but as the complexity of your component grow the prinicpe stays the same. Joomla and mySQL functionality makes paging implementation easy.