

How to ensure a verso page at the end of a document

Some applications require that each formatted document end with a verso page, even if it is a blank page. That “blank” page may be entirely blank, without page header and/or footer. It may be blank except for page header and/or footer. Or, it may contain generated text such as “This page intentionally left blank,” with or without page header and/or footer.

One approach to supporting this in the FOSI is to use SYSTEM-FUNC at the end of the document to call a function that determines if the last page number is odd or even. However, this approach may or may not work, depending on the DTD structure, FOSI coding, and software version.

An alternative is to use a batch process that utilizes ACL scripting and a FOSI-generated external file, as illustrated in the following figure.

NOTE: This ACL coding is for proof-of-concept purposes only, and is not intended for production use. It omits error checking and reporting as well as comments.

When the document is formatted the first time, the FOSI writes the last page number to an external ASCII file, which is named for the `e-i-c` with the `usetext` that writes the file. ACL opens the file, reads the number, and determines if it is odd. If so, ACL sets the variable `$addpage` to `yes`, and re-formats the document.

Unique formatting and generated content for the page model can be specified using a `pagespec`. However, for simplicity’s sake, the page models in this example reference an existing, but not shown, blank page model. The `pagerefs` specify a different `header`, which can be used to output generated text such as “This page intentionally left blank.” `Footer` and `region` can also be used for that purpose. `Rectopg` is included in `last.page` for context reasons. Whether `next` or `verso` is specified as the starting page, if the last page is a recto page, the `versopg` page model is used.

Figure 327 ACL variable tells FOSI to add verso page

ACL fragment

```
$addpage=no;  
$n=0;  
format noprompt allpasses wait;
```

```

$d=open("toptag.exp");
$r=read($d,$n,1);
$c=close($d);
if (($n % 2) == 1) {$addpage=yes};
edit -current;??
preview noprompt allpasses force;

```

FOSI fragment

```

<counter initial="0" style="arabic" enumid="foliocr">
<stringdecl textid="foliocr.txt" literal="">
...
<pageset id="last.page">
<rectopg>
<pageref pgidref="body.blank">
<header nomdepth="15pt" spaflow="12pt">
<usetext source="\Page can contain generated text or be entirely blank\">
...
<versopg>
<pageref pgidref="body.blank">
<header nomdepth="15pt" spaflow="12pt">
<usetext source="\Page can contain generated text or be entirely blank\">
...
<e-i-c gi="toptag">
<charlist inherit="1">
<textbrk startpg="recto" pageid="body.page" newpgmdl="global">
<usetext source="foliocr.txt[BO]" placemnt="after" userule="1"></usetext>
<usetext source="<maybe-addpage.psu>,</maybe-addpage.psu>" placemnt="after">
...
<e-i-c gi="maybe-addpage.psu">
<charlist inherit="1"></charlist>
<att>
<specval attname="addpage" attloc="system-var" attval="yes">
<charsubset>
<usetext source="\Your text here\">
<subchars charssubsetref="block center">
<textbrk startpg="next" pageid="last.page" newpgmdl="global">
...

```