

Egov

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1. Java Resources > Libraries > Maven Dependencies > egovframework.rte.ptl.mvc-3.9.0.jar > egovframework.rte.ptl.mvc > tags.ui > pagination> AbstractPaginationRenderer.class

AbstractPaginationRenderer.class

```

package egovframework.rte.ptl.mvc.tags.ui.pagination;

import java.text.MessageFormat;

/**
 * AbstractPaginationRenderer.java
 * <p/><b>NOTE:</b><pre>           PaginationRenderer
 *                             ,
 *                             display
 *
 * [   ] [   ] 1 2 3 4 5 6 7 8 [   ] [   ]
 *
 *           element
 * * firstPageLabel = [   ]
 * * previousPageLabel = [   ]
 * * currentPageLabel =
 * * otherPageLabel =
 * * nextPageLabel = [   ]
 * * lastPageLabel = [   ]
 *
 *           AbstractPaginationRenderer
 *           UI
 *           /           /MVC/View/Pagination Tag
 * </pre>
 */
public abstract class AbstractPaginationRenderer implements
PaginationRenderer {

```

```
protected String firstPageLabel;
protected String previousPageLabel;
protected String currentPageLabel;
protected String otherPageLabel;
protected String nextPageLabel;
protected String lastPageLabel;

public String renderPagination(PaginationInfo paginationInfo, String
jsFunction) {

    StringBuffer strBuff = new StringBuffer();

    int firstPageNo = paginationInfo.getFirstPageNo();
    int firstPageNoOnPageList =
paginationInfo.getFirstPageNoOnPageList();
    int totalPageCount = paginationInfo.getTotalPageCount();
    int pageSize = paginationInfo.getPageSize();
    int lastPageNoOnPageList = paginationInfo.getLastPageNoOnPageList();
    int currentPageNo = paginationInfo.getCurrentPageNo();
    int lastPageNo = paginationInfo.getLastPageNo();

    if (totalPageCount > pageSize) {
        if (firstPageNoOnPageList > pageSize) {
            strBuff.append(MessageFormat.format(firstPageLabel, new
Object[] { jsFunction, Integer.toString(firstPageNo) }));
            strBuff.append(MessageFormat.format(previousPageLabel, new
Object[] { jsFunction, Integer.toString(firstPageNoOnPageList - 1) }));
        } else {
            strBuff.append(MessageFormat.format(firstPageLabel, new
Object[] { jsFunction, Integer.toString(firstPageNo) }));
            strBuff.append(MessageFormat.format(previousPageLabel, new
Object[] { jsFunction, Integer.toString(firstPageNo) }));
        }
    }

    for (int i = firstPageNoOnPageList; i <= lastPageNoOnPageList; i++)
    {
        if (i == currentPageNo) {
            strBuff.append(MessageFormat.format(currentPageLabel, new
Object[] { Integer.toString(i) }));
        } else {
            strBuff.append(MessageFormat.format(otherPageLabel, new
Object[] { jsFunction, Integer.toString(i), Integer.toString(i) }));
        }
    }

    if (totalPageCount > pageSize) {
        if (lastPageNoOnPageList < totalPageCount) {
            strBuff.append(MessageFormat.format(nextPageLabel, new
Object[] { jsFunction, Integer.toString(firstPageNoOnPageList + pageSize)
```

```

    ));
        strBuff.append(MessageFormat.format(lastPageLabel, new
Object[] { jsFunction, Integer.toString(lastPageNo) }));
        } else {
            strBuff.append(MessageFormat.format(nextPageLabel, new
Object[] { jsFunction, Integer.toString(lastPageNo) }));
            strBuff.append(MessageFormat.format(lastPageLabel, new
Object[] { jsFunction, Integer.toString(lastPageNo) }));
        }
    }
    return strBuff.toString();
}
}
}

```

PaginationInfo.class

totalPageCount :

totalRecordCount :

recordCountPerPage :

```

//          = ((          -1) /          ) + 1
// totalPageCount = ((totalRecordCount - 1) / recordCountPerPage) + 1;
public int getTotalPageCount() {
    totalPageCount = ((getTotalRecordCount() - 1) / getRecordCountPerPage())
+ 1;
    return totalPageCount;
}

```

firstPageNoOnPageList :

Bar

currentPageNo :

Bar

pageSize :

Bar

```

//      Bar          = ((          - 1) /          Bar          ) *
//      Bar          + 1;
// firstPageNoOnPageList = ((currentPageNo - 1) / pageSize) * pageSize + 1;
public int getFirstPageNoOnPageList() {
    firstPageNoOnPageList = ((getCurrentPageNo() - 1) / getPageSize()) *
getPageSize() + 1;
    return firstPageNoOnPageList;
}

```

lastPageNoOnPageList :

Bar

```

public int getLastPageNoOnPageList() {
    lastPageNoOnPageList = getFirstPageNoOnPageList() + getPageSize() - 1;
    if (lastPageNoOnPageList > getTotalPageCount()) {

```


```
        lastPageNoOnPageList = getTotalPageCount();  
    }  
    return lastPageNoOnPageList;  
}
```

Ref Link

[egovframework:rte:ptl:view:paginationtag-](#)

, [Egov](#), ,

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