Exception 處理範例

* Ajax Request 發生Exception 處理.

<script type="text/javascript">

//<![CDATA[

var ajaxStatusShow = true;

ajaxStatus.bindCallback('ajaxComplete', function(event, xhr, settings) {

if (typeof(xhr) !== 'undefined' && typeof(xhr.status) !== 'undefined') {

if (xhr.status==200){

if( jQuery(xhr.responseXML).find('error').eq(0).text() != '' ){

onErrorCheck(xhr, 'error', settings);

}else{

onCompleteCheck(xhr, 'success', ''); // check if view expired.

}

}else{

onCompleteCheck(xhr, 'error', ''); // logout or session expired.

}

}

});

/\* for primefaces component ajax onerror \*/

function onErrorCheck(xhr, status, args) {

var error = jQuery(xhr.responseXML).find('error-name').eq(0).text();

var errorMsg = jQuery(xhr.responseXML).find('error-message').eq(0).text();

var msg = "系統發生錯誤，請 EMail 此畫面給系統管理員處理。\n\n(錯誤內容:"+error+")\n"+errorMsg+"\n";

alert(msg);

}

//]]>

</script>

* 非Ajax Request 發生Exception 處理.

1. web.xml

<error-page>

<error-code>500</error-code>

<location>/faces/exception.xhtml</location>

</error-page>

<error-page>

<error-code>404</error-code>

<location>/faces/exception.xhtml</location>

</error-page>

<error-page>

<exception-type>java.lang.Throwable</exception-type>

<location>/faces/exception.xhtml</location>

</error-page>

1. **ExceptionController**

@ManagedBean(name = "exceptionController")

@ViewScoped

public class ExceptionController extends SessionAwareController {

private String title;

private String subject;

private String description;

private String detail;

private String redirectUrl;

@PostConstruct

public void init() {

final ExternalContext extContext = FacesContext.getCurrentInstance().getExternalContext();

Throwable ex = null;

String exceptionDetail = null;

String oriUrl = null;

if( extContext!=null ){

if( extContext.getRequestMap()!=null ){

ex = (Throwable)(extContext.getRequestMap().get("javax.servlet.error.exception"));

exceptionDetail = ExceptionHandlerUtil.getStackTrace(ex);

oriUrl = (String)extContext.getRequestMap().get("javax.servlet.error.request\_uri");

}

}

title = JsfUtil.getResourceBundle().getString("alert.header.title");

if(ex!=null && ex.toString().indexOf("javax.faces.application.ViewExpiredException")>=0 ){

subject = JsfUtil.getResourceBundle().getString("alert.view.expired");

description = JsfUtil.getResourceBundle().getString("alert.expired.reson");

}else{

subject = "系統錯誤";

description = "詳細錯誤如下: (請 EMail 下列訊息給系統管理人員處理)";

detail = (exceptionDetail==null)?"unknow exception !":ex.toString() + ":" + exceptionDetail;

}

redirectUrl = (oriUrl==null)?extContext.getRequestContextPath():oriUrl;

}

1. **demo view:**

