

WorkflowUtil

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Description

- `org.joget.workflow.util.WorkflowUtil`
- Under `wflow-wfengine` module
- Utility methods used by workflow engine

Code Sample

```
import javax.servlet.http.HttpServletRequest;
import org.joget.workflow.util.WorkflowUtil;

//get the HTTP request
HttpServletRequest request = WorkflowUtil.getHttpServletRequest();
```

Methods

`addAuditTrail`

```
public static void addAuditTrail(java.lang.String clazz, java.lang.String method, java.lang.String message)
```

Convenient method used to add a simple audit trail

`addAuditTrail`

```
public static void addAuditTrail(java.lang.String clazz, java.lang.String method, java.lang.String message,
java.lang.Class[] paramTypes, java.lang.Object[] args, java.lang.Object returnObject)
```

Convenient method used to add an audit trail

`containsHashVariable`

```
public static boolean containsHashVariable(java.lang.String content)
```

Check if the content contains hash (#) character

`processVariable`

```
public static java.lang.String processVariable(java.lang.String content, java.lang.String formDataTable, org.
joget.workflow.model.WorkflowAssignment wfAssignment)
```

Parse and replace the Hash Variable in content

processVariable

```
public static java.lang.String processVariable(java.lang.String content, java.lang.String formDataTable, org.joget.workflow.model.WorkflowAssignment wfAssignment, java.lang.String escapeFormat)
```

Parse and replace the Hash Variable in content. Option to escape with a format

processVariable

```
public static java.lang.String processVariable(java.lang.String content, java.lang.String formDataTable, org.joget.workflow.model.WorkflowAssignment wfAssignment, java.lang.String escapeFormat, java.util.Map<java.lang.String, java.lang.String> replaceMap)
```

Parse and replace the Hash Variable in content. Option to escape with a format and replace keywords.

getApplicationContext

```
public static org.springframework.context.ApplicationContext getApplicationContext()
```

Utility method to retrieve the ApplicationContext of the system

getAssignmentUsers

```
public static java.util.List<java.lang.String> getAssignmentUsers(java.lang.String packageId, java.lang.String procDefId, java.lang.String procId, java.lang.String version, java.lang.String actId, java.lang.String requesterUsername, java.lang.String participantId)
```

Retrieve users for assignment based on participant mapping

getCurrentUserFullName

```
public static java.lang.String getCurrentUserFullName()
```

Convenient method used to get the full name of current logged in user

getCurrentUsername

```
public static java.lang.String getCurrentUsername()
```

Convenient method used to get current logged in user

getHttpServletRequest

```
public static javax.servlet.http.HttpServletRequest getHttpServletRequest()
```

Returns the HTTP Servlet Request associated with the current thread.

Return The HTTP request if it is available. If the request is not available, e.g. when triggered from a deadline, null is returned.

getHttpServletResponse

```
public static javax.servlet.http.HttpServletResponse getHttpServletResponse()
```

Returns the HTTP Servlet Response associated with the current thread.

Return The HTTP Response if it is available. If the response is not available, e.g. when triggered from a deadline, null is returned.

getProcessDefIdWithoutVersion

```
public static java.lang.String getProcessDefIdWithoutVersion(java.lang.String processDefId)
```

Retrieves the process definition ID without the version and package.

getProcessDefPackageId

```
public static java.lang.String getProcessDefPackageId(java.lang.String processDefId)
```

Retrieves the package ID from the process definition ID.

getProcessDefVersion

```
public static java.lang.String getProcessDefVersion(java.lang.String processDefId)
```

Retrieves the version from the process definition.

getServiceLevelIndicator

```
public static java.lang.String getServiceLevelIndicator(double value)
```

Method used to get the HTML indicator of service level based on value and system setting

getSystemSetupValue

```
public static java.lang.String getSystemSetupValue(java.lang.String propertyName)
```

Convenient method used to get a value of system setting

getUserAttribute

```
public static java.lang.String getUserAttribute(java.lang.String username, java.lang.String attribute)
```

Convenient method used to get an attribute value from user

isCurrentUserAnonymous

```
public static boolean isCurrentUserAnonymous()
```

Convenient method used to check the current logged in user is an anonymous user

isCurrentUserInRole

```
public static boolean isCurrentUserInRole(java.lang.String role)
```

Convenient method used to check the current logged in user has a role