

Xurrent NodeHelper Methods

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This guide explains which node helper methods are supported for xurrent.

Supported Methods

Method	Parameters	Return Type	Description
<code>getIssueType</code>	<code>issueTypeName: String</code>	<code>IHubIssueType</code>	Returns an issue type object with the given name
<code>getUser</code>	<code>userKey: String</code>	<code>IHubUser</code>	Returns a user by ID (delegates to <code>getUserById</code>)
<code>getUserById</code>	<code>userId: String</code>	<code>IHubUser</code>	Returns a user by Xurrent person ID; null if not found
<code>getUserByEmail</code>	<code>emailAddress: String</code>	<code>IHubUser</code>	Returns a user by email address; null if not found
<code>getLabel</code>	<code>label: String</code>	<code>IHubLabel</code>	Returns a label object with the given name
<code>getPriority</code>	<code>priorityName: String</code>	<code>IHubPriority</code>	Returns a priority object with the given name
<code>getStatus</code>	<code>statusName: String</code>	<code>IHubStatus</code>	Returns a status object with the given name
<code>isIssueEditable</code>	<code>issue: IHubIssue</code>	<code>boolean</code>	Always returns <code>true</code> for Xurrent requests
<code>stripHtml</code>	<code>htmlText: String</code>	<code>String</code>	Removes HTML tags from text using Jsoup

Xurrent-Specific Methods

Method	Parameters	Return Type	Description
<code>getCustomField</code>	<code>templateId: Long, fieldName: String, value: Object</code>	<code>BasicHubCustomField</code>	Creates a validated custom field with type checking
<code>getCustomFieldValueLabel</code>	<code>templateId: Long, fieldId: String, valueId: String</code>	<code>String</code>	Gets display label for a select option value
<code>getTemplateIdByName</code>	<code>templateName: String</code>	<code>Long</code>	Gets request template ID by name
<code>getServiceIdByName</code>	<code>serviceName: String</code>	<code>Long</code>	Gets service instance ID by name

Method	Parameters	Return Type	Description
<code>getTeamIdByName</code>	<code>teamName: String</code>	<code>Long</code>	Gets team ID by name

Rich Text Conversion Methods

Method	Parameters	Return Type	Description
<code>convertJiraWikiToXurrent</code>	<code>jiraWiki: String</code>	<code>String</code>	Converts Jira Wiki markup to Xurrent format
<code>convertHtmlToXurrent</code>	<code>html: String</code>	<code>String</code>	Converts HTML to Xurrent format
<code>convertXurrentToJiraWiki</code>	<code>xurrentText: String</code>	<code>String</code>	Converts Xurrent format to Jira Wiki markup
<code>convertXurrentToHtml</code>	<code>xurrentText: String</code>	<code>String</code>	Converts Xurrent format to HTML

NodeHelper Usage Examples

User Methods

```
// Get user by email
def user = nodeHelper.getUserByEmail("john.doe@example.com")
if (user) {
    entity.assignee = user
}

// Get user by ID
def member = nodeHelper.getUserById("12345")
if (member) {
    entity.member = member
}
```

Status, Priority, and Labels

```
// Set status
entity.status = nodeHelper.getStatus("In Progress")

// Set priority
entity.priority = nodeHelper.getPriority("High")
```

Template and Service Lookup

```
// Get template ID by name
def templateId = nodeHelper.getTemplateIdByName("IT Support Request")
entity.templateId = templateId

// Get service instance ID by name
def serviceId = nodeHelper.getServiceIdByName("IT Service Desk")
entity.serviceId = serviceId

// Get team ID by name
def teamId = nodeHelper.getTeamIdByName("IT Support Team")
entity.teamId = teamId
```

Rich Text Conversion

```
// Converting from Jira to Xurrent (incoming sync)
entity.description = nodeHelper.convertJiraWikiToXurrent(replica.description)

// Converting from Xurrent to Jira (outgoing sync)
replica.description = nodeHelper.convertXurrentToJiraWiki(entity.description)

// Converting HTML to Xurrent
entity.note = nodeHelper.convertHtmlToXurrent("<b>Important:</b> Please review")

// Strip HTML completely
def plainText = nodeHelper.stripHtml("<p>Hello <b>World</b></p>")
// Returns "Hello World"
```

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