

Jira Java에서 Issue 생성하기

이 문서는 Java에서 Jira 이슈를 생성하는 방법을 공유하기 위해 작성되었다.

도구명	Jira
버전	8.22

- [IssueService api 적용](#)
 - [issueService api 불러오기](#)
 - [task,subtask issue 생성하기](#)
- [Issue Create시 Parent Issue와 Link](#)
 - [Parent issue와 Chlid issue link하기](#)

IssueService api 적용

issueService api 불러오기

```
@ComponentImport
private final IssueService issueService;
private final JiraAuthenticationContext jiraAuthenticationContext;

ApplicationUser loggedInUser = jiraAuthenticationContext.getLoggedInUser();
IssueInputParameters issueInputParameters = issueService.newIssueInputParameters();
issueInputParameters.setSummary(String summary)
                        .setDescription(String description)
                        .setAssigneeId(String assignee)
                        .setReporterId(String reporter)
                        .setProjectId(Long projectId)
                        .setIssueTypeId(Long issueType id)
IssueService.CreateValidationResult result = issueService.validateCreate(loggedInUser, issueInputParameters);
```

- IssueInputParameters Type의 변수에 이슈 생성시 설정할 값 set
- ApplicationUser, IssueInputParameters Type parameter로 validateCreate 생성

task,subtask issue 생성하기

```
@ComponentImport
private final IssueService issueService;
private final JiraAuthenticationContext jiraAuthenticationContext;

ApplicationUser loggedInUser = jiraAuthenticationContext.getLoggedInUser();
IssueService.CreateValidationResult result = issueService.validateCreate(loggedInUser, issueInputParameters);
if(issue == ''){
    issueService.create(loggedInUser, result);
}else if(issue == ''){
    MutableIssue issue = issueManager.getIssueByCurrentKey(issueKey);
    IssueService.CreateValidationResult validationResult = issueService.validateSubTaskCreate(loggedInUser,
issue.getId(), issueInputParameters);
    issueService.create(loggedInUser, validationResult);
}
```

- 작업 이슈의 경우 생성한 validateCreate result를 issueService.create에 적용하면 새로운 이슈 생성됨
- 하위 작업 이슈의 경우 MutableIssue Type의 parentIssue get
- validateSubTaskCreate에 ApplicationUser Type의 creator, Long Type의 parentIssueID, issueInputParameters 를 적용하면 하위 작업이 생성됨

Issue Create시 Parent Issue와 Link

Parent issue와 Chlid issue link하기

```
@ComponentImport
private final SubTaskManager subTaskManager

ApplicationUser loggedInUser = jiraAuthenticationContext.getLoggedInUser();
MutableIssue issue = issueManager.getIssueByCurrentKey(issueKey);
MutableIssue parentIssue = issueManager.getIssueByCurrentKey(parentIssueKey);
subTaskManager.createSubTaskIssueLink(parentIssue, childIssue, loggedInUser);
```

- SubTaskManager.createSubTaskIssueLink API
- 생성할 SubTask의 ParentIssue, SubTask issue, ApplicationUser를 parameter로 issue Link 생성