

07-数据库库表结构

File	Modified
PDF File jira70_schema.pdf	2019-12-17 by 红旗公
PDF File Jira7.9.2-db-schema.pdf	2021-05-10 by 红旗公
PDF File jira_8.20_database_schema.pdf	2022-07-25 by 红旗公
Microsoft Word 97 Document jira数据库查询sql示例参考.doc	2024-03-22 by 马腾飞

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示例

 示例仅供参考，请勿直接在生产环境运行，否则可能导致生产数据库负载异常!!!

查询项目

GEARS为需要导出的项目的KEY值

```
SELECT ID,PKEY FROM project WHERE PKEY = 'GEARS'
```

查询项目下的问题

```
SELECT a.id,
b.pkey,
issuenum,
TIMEORIGINALESTIMATE,
TIMEESTIMATE,
TIMESPENT,
created,
updated,
creator
FROM
    jiraissue a,
    project b
WHERE
    b.PKEY = 'GEARS' AND a.project = b.id;
```

查询问题的字段数据

```

SELECT
    j. REPORTER,
    j. ASSIGNEE,
    j. CREATOR,
    j. SUMMARY,
    j. DESCRIPTION,
    j. CREATED,
    j. UPDATED,
    j. DUE DATE,
    j. RESOLUTION DATE,
    j. COMPONENT,
    cf. cfname,
    cf. CUSTOMFIELDTYPEKEY,
    cfv. CUSTOMFIELD,
    cfv. STRINGVALUE,
    cfv. TEXTVALUE,
    cfv. NUMBERVALUE,
    cfv. DATEVALUE,
    cfv. VALUETYPE ,
    cfo. customvalue
FROM
    jiraissue j
    LEFT JOIN customfieldvalue cfv ON j. ID = cfv. ISSUE
    LEFT JOIN customfield cf ON cfv. CUSTOMFIELD = cf. ID
    LEFT JOIN customfieldoption cfo on cfv. STRINGVALUE=cfo. ID
WHERE
    j. issuenum = 8      -- 比如issuekey=DEMO-8, 这里的issuenum=8
    AND j. PROJECT = 10001;

```

查询评论信息

```
SELECT
    *
FROM
    jiraaction aa
WHERE
    aa.issueid IN (
        SELECT
            a.id
        FROM
            jiraissue a,
            project b
        WHERE
            b.PKEY = 'GEARS'
        AND a.project = b.id);
```

查询附件

```
SELECT
    *
FROM
    fileattachment aa
WHERE
    aa.issueid IN (
        SELECT
            a.id
        FROM
            jiraissue a,
            project b
        WHERE
            b.PKEY = 'GEARS'
        AND a.project = b.id)
```

查询工时日志

```
SELECT
    *
FROM
    worklog aa
WHERE
    aa.issueid IN (
        SELECT
            a.id
        FROM
            jiraissue a,
            project b
        WHERE
            b.PKEY = 'GEARS'
        AND a.project = b.id)
```

查询变更历史

变更历史

```
SELECT
    *
FROM
    changegroup aa
WHERE
    aa.issueid IN (
        SELECT
            a.id
        FROM
            jiraissue a,
            project b
        WHERE
            b.PKEY = 'GEARS'
        AND a.project = b.id
    )
```

变更详情

```

SELECT
    *
FROM
    changeitem bb
WHERE
    bb.groupid IN (
        SELECT
            id
        FROM
            changegroup aa
        WHERE
            aa.issueid IN ( SELECT a.id FROM jiraissue a, project b WHERE b.
PKEY = 'GEARS' AND a.project = b.id )
    )

```

链接关系

基础数据

```

SELECT * FROM issuelinktype

```

业务数据

```

SELECT * FROM issuelink aa WHERE source IN(
SELECT a.id FROM jiraissue a,project b WHERE b.PKEY = 'GEARS'
AND a.project = b.id
)
UNION
SELECT * FROM issuelink aa WHERE destination IN(
SELECT a.id FROM jiraissue a,project b WHERE b.PKEY = 'GEARS'
AND a.project = b.id
)

```

关注和投票

```

SELECT
    *
FROM
    userassociation aa
WHERE
    aa.`SINK_NODE_ENTITY` = 'Issue'
    AND aa.`ASSOCIATION_TYPE` = 'WatchIssue'
    AND aa.sink_node_id IN (
        SELECT
            a.id
        FROM
            jiraissue a,
            project b
        WHERE
            b.PKEY = 'GEARS'
            AND a.project = b.id
    )

```

人员关系对照表

```

SELECT bb.`lower_user_name`, bb.`user_key`, aa.`email_address`, aa.`display_name` FROM
cwg_user aa, app_user bb
WHERE aa.`lower_user_name` = bb.`lower_user_name`

```

模块（版本/问题类型页面方案/通知方案/权限方案/工作流方案/安全级别方案/项目类别）



- 版本 (SINK_NODE_ENTITY = 'Version')
- 问题类型页面方案 (SINK_NODE_ENTITY= 'IssueTypeScreenScheme')
- 通知方案 (SINK_NODE_ENTITY = 'NotificationScheme')
- 权限方案 (SINK_NODE_ENTITY = 'PermissionScheme')
- 工作流方案 (SINK_NODE_ENTITY = 'WorkflowScheme')
- 安全级别方案 (SINK_NODE_ENTITY = 'IssueSecurityScheme')
- 项目类别 (SINK_NODE_ENTITY = 'ProjectCategory')

SELECT

na.SOURCE_NODE_ID as "问题id",
na.SINK_NODE_ID as "模块id",
c.cname as "模块名称"

FROM

nodeassociation na
LEFT JOIN component c on na.SINK_NODE_ID=c.ID

WHERE

SOURCE_NODE_ID = 10939
AND SINK_NODE_ENTITY = 'Component';