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API Sprint1

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Confluence

Get Confluence Space

GET

/api/:version/confluence/spaces/:key_word

Parameter

Item	Type	Necessary	Note
key_word	string	true	A key word that is contained in the space key. For example, 'COMP90082' is a key word, and the full space key is 'COMP900822021SM1SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	string[]	false	list of space keys

Import Project in Batch

POST

/api/:version/team/import

Request

Item	Type	Necessary	Note
coordinator_id	int	true	
spaces	[]string	true	A list of confluence space key. For example 'COMP900822021SM1SP'. Space key is the unique identifier of a team

Response

Item	Type	Necessary	Note
------	------	-----------	------

code	int	true	statue code success: 0 failure: -1
message	string	true	error message

Get Imported Projects

GET

/api/:version/confluence/imported_projects

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	[]Project	false	list of project space keys and space names

Project

Item	Type	Necessary	Note
space_key	string	true	example: "COMP900822021SM1SP"
space_name	string	true	example: "COMP90082-2021-SM1-SP"

Get User List

GET

/api/:version/team/:space_key

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	UserInfo[]	false	list of user infos that have permission to this confluence space

UserInfo

Item	Type	Necessary	Note
name	string	true	display name on Confluence
id	string	true	student id
email	string	true	unimelb email
picture	string	true	profile picture path on Confluence

Get Page Count by Time

GET

/api/:version/confluence/spaces/:space_key/page_count

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	PageCount[]	false	list of time, page count pairs

PageCount

Item	Type	Necessary	Note
time	int	true	a timestamp in unix time
page_count	int	true	number of pages exists in the confluence space at the time `time`

Get Meeting Munites

GET

/api/:version/confluence/:space_key/meeting_minutes

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	MeetingMinute[]	false	list of meeting minutes

MeetingMinute

Item	Type	Necessary	Note
title	string	true	title of this confluence page
link	string	true	link to this page

Note: this api should search all confluence pages that contains "meeting" and "minutes" in the page title.

Get Individual Contribution on Confluence Pages

GET

Note: this is an existing api implemented by the previous team, only need few changes.

/api/:version/confluence/spaces/:space_key/pages/contributions

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	PageEditCount[]	false	list of student name, page count pairs

PageEditCount

Item	Type	Necessary	Note
student	string	true	student's name (display name)
page_count	int	true	number of pages edited by the student in the confluence space

Git

Get Git Commit Count by Time

GET

/api/:version/git/:space_key/commit_count

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'. Use space key to find the corresponding team and their git repo address.

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	CommitCount	false	list of time, commit count pairs

CommitCount

Item	Type	Necessary	Note
time	int	true	a timestamp in unix time
commit_count	int	true	number of commits in the git repository at the time `time`

Get Individual Contribution on Git Commits

GET

/api/:version/git/:space_key/commit/contributions

Parameter

Item	Type	Necessary	Note
------	------	-----------	------

space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'. Use space key to find the corresponding team and their git repo address.
-----------	--------	------	--

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	CommitCount[]	false	list of student name, number of commits

CommitCount

Item	Type	Necessary	Note
student	string	true	student's name
commit_count	int	true	number of commits made by the student

Get Code Metrics

GET

/api/:version/individual/git/:code/metrics

Parameter

Item	Type	Necessary	Note
project	string	true	Name a Jira project. For example 'COMP90082_SP'

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	Metrics[]	false	list of version and correspondence code metrics

Metrics

Item	Type	Necessary	Note
version_name	string	true	version name
all lines count	int	true	
class count	int	true	
declarable statement count	int	true	
executable statement count	int	true	
files count	int	true	
functions count	int	true	
preprocessor lines count	int	true	
Ratio of comment lines to code lines	int	true	

Jira

Get Jira TO_DO/IN_PROGRESS/DONE Count by Time

GET

/api/:version/jira/:space_key/ticket_count

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'. Use space key to find the corresponding team and their Jira project.

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	[]TicketCount	false	list of time, to-do ticket count, in-progress ticket count, done ticket count

TicketCount

Item	Type	Necessary	Note
time	int	true	a timestamp in unix time
to_do	int	true	number of to-do tickets at the time `time`
in_progress	int	true	number of in-progress tickets at the time `time`
done	int	true	number of done tickets at the time `time`

Get Individual Contribution on Jira DONE Count Tickets

GET

/api/:version/jira/:space_key/contributions

Parameter

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'. Use space key to find the corresponding team and their Jira project.

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message
data	[]DoneCount	false	list of student name, number of done ticket

DoneCount

Item	Type	Necessary	Note
student	string	true	student's name (display name)
done_count	int	true	number of done tickets by the student

Set Github and Jira Url

POST

/api/:version/team/config

Request

Item	Type	Necessary	Note
space_key	string	true	A confluence space key. For example 'COMP900822021SM1SP'. It is the unique identifier of a team.
jira_url	string	true	
git_url	string	true	

Response

Item	Type	Necessary	Note
code	int	true	statue code success: 0 failure: -1
message	string	true	error message

Acceptance Test

Get Confluence Space

GET

http://127.0.0.1:8000/api/v1/confluence/spaces/-key_word

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Path Variables

KEY	VALUE	DESCRIPTION	...	Bulk Edit
key_word	comp	Description		

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 17.01 s

Size: 294 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     "COMP900822021SM1SP",
6     "COMP90082"
7   ]
8 }
```

Get Space Keys

GET

http://127.0.0.1:8000/api/v1/team/-space_key

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Path Variables

KEY	VALUE	DESCRIPTION	...	Bulk Edit
space_key	CON	Description		

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 74 ms

Size: 2.71 KB

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "name": "Boyang Sun",
7       "id": "boyangs",
8       "email": "boyangs@student.unimelb.edu.au",
9       "picture": "https://confluence.cis.unimelb.edu.au:8443/images/icons/profilepics/default.svg"
10    },
11    {
12       "name": "Ruofan Zhang",
13       "id": "ruofizhang",
14       "email": "ruofizhang@student.unimelb.edu.au",
15       "picture": "https://confluence.cis.unimelb.edu.au:8443/images/icons/profilepics/default.svg"
16    },
17    {
18       "name": "Chongjing ZHANG",
19       "id": "chongjing",
20       "email": "chongjing@student.unimelb.edu.au",
21       "picture": "https://confluence.cis.unimelb.edu.au:8443/images/icons/profilepics/default.svg"
22    }
23   ]
24 }
```

Get Page Count by Time

GET Get Page Count b...

Get Page Count b...

No Environment

confluence-wp / Get Page Count by Time

GET

http://127.0.0.1:8000/api/v1/confluence/spaces/space_key/page_count

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Path Variables

KEY	VALUE	DESCRIPTION	Bulk Edit
space_key	CON	Description	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 19 ms Size: 845 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "time": 1618416000,
7       "page_count": 1
8     },
9     {
10      "time": 1618502400,
11      "page_count": 1
12     },
13     {
14      "time": 1618588800,
15      "page_count": 1
16     },
17     {
18      "time": 1618675200,
19      "page_count": 1
20     }
21   ]
22 }
```

Get Meeting Minutes

Overview

GET http://127.0.0.1:80...

No Environment

http://127.0.0.1:8000/api/v1/confluence/space_key/meeting_minutes

GET

http://127.0.0.1:8000/api/v1/confluence/space_key/meeting_minutes

Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	Bulk Edit
Key	Value	

Path Variables

KEY	VALUE	DESCRIPTION	Bulk Edit
space_key	COMP900822021SM1SP	Description	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 41 ms Size: 2.98 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "title": "Meeting with client #1",
7       "link": "https://confluence.cis.unimelb.edu.au:8443/pages/viewpage.action?pageId=74781618"
8     },
9     {
10      "title": "Meeting Notes for 23rd March",
11      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/Meeting+Notes+for+23rd+March"
12     },
13     {
14      "title": "10 Meetings",
15      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/10+Meetings"
16     },
17     {
18      "title": "Meeting Notes for 20th, March",
19      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/Meeting+Notes+for+20th+March"
20     },
21     {
22      "title": "Front-end Meeting Notes on 28th March - ",
23      "link": "https://confluence.cis.unimelb.edu.au:8443/pages/viewpage.action?pageId=74787344"
24     }
25   ]
26 }
```

Test case pass screenshot

Import project in Batch

GET 127 [CONFLICT] POST http... Release Notes + ... No Environment

http://127.0.0.1:8082/appointment/list/add Save

POST 127.0.0.1:8000/api/v1/project/import... Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> coordinator	bob			
<input checked="" type="checkbox"/> project_list	sp,ab,bp			
Key	Value	Description		

Body Cookies Headers (7) Test Results 200 OK 36 ms 263 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": null
5 }
```

开始事务 文本 筛选 排序 导入 导出				
id	coordinator_id	space_key	git_url	jira_project
1	1	sp		
2	1	ab		
3	1	bp		

Get Imported Project

GET http://127.0.0.1:8000/api/v1/confluence/imported_projects ...

Params Authorization Headers (6) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE
Key	Text Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "space_key": "COMP900822021SM1SP",
7       "space_name": "COMP90082-2021-SM1-SP"
8     }
9   ]
10 }
```

Get Git Commit Count by Date

Git_Commits Copy / Git_Commits_Count

GET http://127.0.0.1:8000/api/v1/git/commit/space_key

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
key	Value	Description	

Path Variables

KEY	VALUE	DESCRIPTION	Bulk Edit
space_key	test	Description	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 961 ms Size: 2.81 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {}
2 {"code": 0,
3  "message": "success",
4  "data": [
5    {
6      "commit_count": "199",
7      "date": "1605272400"
8    },
9    {
10     "commit_count": "193",
11     "date": "1605899600"
12   },
13   {
14     "commit_count": "192",
15     "date": "1604848600"
16   },
17   {
18     "commit_count": "191",
19     "date": "1604754800"
20   },
21   {
22     "commit_count": "189",
23     "date": "1604447600"
24   },
25   {
26     "commit_count": "188",
```

Get Individual Contribution on git commits

New Collection / New Request

GET http://127.0.0.1:8000/api/v1/jira/seen0013-2020-sp/contributions

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
key	Value	Description	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 3512 s Size: 2.45 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "student": "Shen yutong",
7       "done_count": 0
8     },
9     {
10      "student": "SDV Deployment",
11      "done_count": 0
12    },
13    {
14      "student": "Azman Yazdi Azethna",
15      "done_count": 0
16    },
17    {
18      "student": "Admin admin",
19      "done_count": 0
20    },
21    {
22      "student": "Admin Internal",
23      "done_count": 0
24    },
25    {
26      "student": "Samez Adza",
27      "done_count": 0
28    }
29  ],
30 }
```

Get Individual Contribution on Jira DONE Count Tickets

New Collection / New Request

GET http://127.0.0.1:8000/api/v1/jira/issue/90013-2020-sp/contributions

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 3512 s Size: 2.46 KB Save Response

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "student": "Shen yutong",
7       "done_count": 0
8     },
9     {
10      "student": "3DV Deployment",
11      "done_count": 0
12    },
13    {
14      "student": "Arman Yazdi Arethna",
15      "done_count": 0
16    },
17    {
18      "student": "admin admin",
19      "done_count": 0
20    },
21    {
22      "student": "Admin Internal",
23      "done_count": 0
24    },
25    {
26      "student": "Samer Adra",
27      "done_count": 0
28    }
29  ]
30 }
```

Result Grid

	id	student	done_count
▶	1	Shen yutong	0
	2	3DV Deployment	0
	3	Arman Yazdi Arethna	0
	4	admin admin	0
	5	Admin Internal	0
	6	Samer Adra	0
	7	Alexandra Fritzen	0
	8	Austen Mcdernon	0
	9	Andrew Irlitti	0
	10	Anuradha Gupta	0
	11	Aparna	0
	12	Andrzej Poniatowski	0

contributions 1

Get Jira TO_DO/IN_PROGRESS/DONE Count by Time

New Collection / New Request

GET http://127.0.0.1:8000/api/v1/jira/issue/90013-2020-sp/auto_ticket_count

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 5.75 s Size: 335 B Save Response

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": {
5     "time": "2021-04-30 12:20:13",
6     "to_do": 68,
7     "in_progress": 4,
8     "done": 117
9   }
10 }
```

	id	count_time	todo	in_progress	done	space_key
	92	2021-04-30 00:53:53	50	4	117	swen90013-2020-sp
	93	2021-04-30 00:54:08	50	4	117	swen90013-2020-sp
	94	2021-04-30 12:20:13	50	4	117	swen90013-2020-sp
	95	2021-04-30 12:20:26	50	4	117	swen90013-2020-sp
	96	2021-04-30 12:20:40	50	4	117	swen90013-2020-sp
	97	2021-04-30 12:20:58	50	4	117	swen90013-2020-sp
	98	2021-04-30 12:21:10	50	4	117	swen90013-2020-sp
	99	2021-04-30 12:21:25	50	4	117	swen90013-2020-sp
	100	2021-04-30 12:21:41	50	4	117	swen90013-2020-sp
	101	2021-04-30 12:21:55	50	4	117	swen90013-2020-sp
	102	2021-04-30 12:22:12	50	4	117	swen90013-2020-sp
⌕	NULL	NULL	NULL	NULL	NULL	NULL

Set Github and Jira Url

New Collection / New Request

Save

⋮

⌕

POST

http://127.0.0.1:8000/api/v1/jira/swen90013-2020-sp/config

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> gitUrl	test@test.com	
<input checked="" type="checkbox"/> jiraUrl	test1@test.com	
Key	Value	Description

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 60 ms

Size: 263 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

⌕

```

1  {
2    "code": 0,
3    "message": "success",
4    "data": null
5  }
```

Result Grid

Filter Rows:

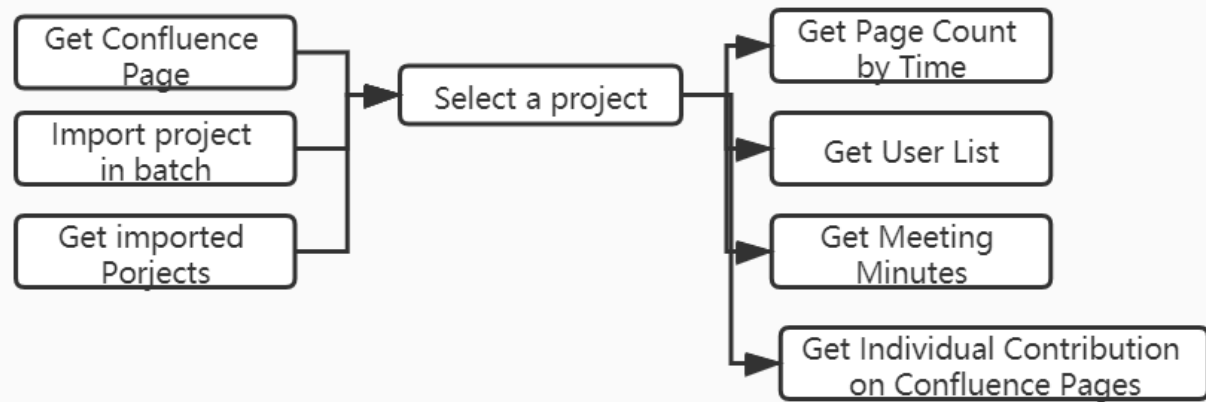
Edit:

Export/Import:

Wrap Cell Content:

	id	space_key	jira_url	git_url
	10	swen90013-2020-sp	234.com	123.com
	11	swen90013-2020-sp	234.com	123.com
	12	swen90013-2020-sp	234.com	123.com
	13	swen90013-2020-sp	1	1123
	14	swen90013-2020-sp	1	1123
	15	swen90013-2020-sp	1	1123
	16	swen90013-2020-sp	1	1123
	17	swen90013-2020-sp	1	1123
	18	swen90013-2020-sp	1	1123
	19	swen90013-2020-sp	1	1122
	20	swen90013-2020-sp	test1@test.com	test@test.com
⌕	NULL	NULL	NULL	NULL

Confluence API Design



Database Design

Short Description

project_coordinator_relation

DDL

```
CREATE TABLE `project_coordinator_relation` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `coordinator_id` int(11) NOT NULL,  
  `space_key` varchar(256) NOT NULL,  
  `git_url` varchar(256) NOT NULL,  
  `jira_project` varchar(256) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

coordinator

DDL

```
CREATE TABLE `coordinator` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `coordinator_name` varchar(256) NOT NULL,  
  `git_username` varchar(256) NOT NULL,  
  `git_password` varchar(256) NOT NULL,  
  `atl_username` varchar(256) NOT NULL,  
  `atl_password` varchar(256) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

user_list

DDL

```
CREATE TABLE `user_list` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `user_id` varchar(256) NOT NULL,  
  `user_name` varchar(256) NOT NULL,  
  `email` varchar(256) NOT NULL,  
  `picture` varchar(256) NOT NULL,  
  `space_key` varchar(256) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

page_history

DDL

```
CREATE TABLE `page_history` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `page_count` int(11) NOT NULL,  
  `date` int(11) NOT NULL,  
  `space_key` varchar(256) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

Get Git Commit Count by Time

DDL

```
-- Table structure for git_commit_counts
```

```
DROP TABLE IF EXISTS `git_commit_counts`;
CREATE TABLE `git_commit_counts` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `space_key` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NOT NULL,
  `commit_counts` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NOT NULL,
  `query_date` int(11) NOT NULL,
  PRIMARY KEY (`id`) USING BTREE
) ENGINE = InnoDB AUTO_INCREMENT = 1 CHARACTER SET = gbk COLLATE = gbk_chinese_ci ROW_FORMAT = Dynamic;

SET FOREIGN_KEY_CHECKS = 1;
```

Get Individual Contribution on Git Commits

DDL

```
-- Table structure for student_commit_counts
```

```
DROP TABLE IF EXISTS `student_commit_counts`;
CREATE TABLE `student_commit_counts` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `student_name` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NOT NULL,
  `relation_id` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NULL DEFAULT NULL,
  `commit_counts` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NOT NULL,
  `space_key` varchar(256) CHARACTER SET gbk COLLATE gbk_chinese_ci NULL DEFAULT NULL,
  PRIMARY KEY (`id`) USING BTREE
) ENGINE = InnoDB AUTO_INCREMENT = 1 CHARACTER SET = gbk COLLATE = gbk_chinese_ci ROW_FORMAT = Dynamic;

SET FOREIGN_KEY_CHECKS = 1;
```

Set Github and Jira Url

url_config

```
CREATE TABLE IF NOT EXISTS `sp90013`.`url_config` (
  `id` INT NOT NULL AUTO_INCREMENT,
  `space_key` VARCHAR(256) NOT NULL,
  `jira_url` VARCHAR(256) NOT NULL,
  `git_url` VARCHAR(256) NOT NULL,
  PRIMARY KEY (`id`))
ENGINE = InnoDB
AUTO_INCREMENT = 20
DEFAULT CHARACTER SET = utf8mb4
COLLATE = utf8mb4_0900_ai_ci
```

Get Jira TO_DO/IN_PROGRESS/DONE Count by Time

jiraCountByTime

```
CREATE TABLE IF NOT EXISTS `sp90013`.`jiracountbytime` (
```

```
`id` INT NOT NULL AUTO_INCREMENT,  
`count_time` VARCHAR(256) NOT NULL,  
`todo` INT NOT NULL,  
`in_progress` INT NOT NULL,  
`done` INT NOT NULL,  
`space_key` VARCHAR(256) NOT NULL,  
  
PRIMARY KEY (`id`))  
  
ENGINE = InnoDB  
  
AUTO_INCREMENT = 25  
  
DEFAULT CHARACTER SET = utf8mb4  
  
COLLATE = utf8mb4_0900_ai_ci
```

Get Individual Contribution on Jira DONE Count Tickets

individualContributions

```
CREATE TABLE IF NOT EXISTS `sp90013`.`individualcontributions` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `student` VARCHAR(256) NOT NULL,  
  `done_count` INT NOT NULL,  
  PRIMARY KEY (`id`))  
ENGINE = InnoDB  
AUTO_INCREMENT = 50  
DEFAULT CHARACTER SET = utf8mb4  
COLLATE = utf8mb4_0900_ai_ci
```

Data Sample

Data sample in JSON format



Data Sample Screenshot

Confluence

Get Meeting Minutes

Overview GET http://127.0.0.1:8000/ No Environment

http://127.0.0.1:8000/api/v1/confluence/space_key/meeting_minutes

GET http://127.0.0.1:8000/api/v1/confluence/space_key/meeting_minutes Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE		Bulk Edit
Key	Value		

Path Variables

KEY	VALUE	DESCRIPTION	Bulk Edit
space_key	COMP900822021SM1SP	Description	

Body Cookies Headers (7) Test Results Status: 200 OK Time: 41 ms Size: 2.88 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "title": "Meeting with client #1",
7       "link": "https://confluence.cis.unimelb.edu.au:8443/pages/viewpage.action?pageId=7479344"
8     },
9     {
10      "title": "Meeting Notes For 23rd March",
11      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/MeetingNotesFor23rdMarch"
12    },
13    {
14      "title": "10 Meetings",
15      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/10Meetings"
16    },
17    {
18      "title": "Meeting Notes For 28th March",
19      "link": "https://confluence.cis.unimelb.edu.au:8443/display/COMP900822021SM1SP/MeetingNotesFor28thMarch"
20    },
21    {
22      "title": "Front-end Meeting Notes on 28th March -",
23      "link": "https://confluence.cis.unimelb.edu.au:8443/pages/viewpage.action?pageId=7479344"
24    }
25  ]
26 }
```

meeting_id	meeting_title	meeting_link	space_key
1	Meeting with client #1	https://confluence.cis.unimelb.edu.au:8443/p...	COMP900822021SM1SP
2	Meeting Notes for 23rd March	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
3	10 Meetings	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
4	Meeting Notes for 28th, March	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
5	Front-end Meeting Notes on 28th March -	https://confluence.cis.unimelb.edu.au:8443//p...	COMP900822021SM1SP
6	Stand-up Meeting 18 March 2021	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
7	Stand-up Meeting 25 March 2021	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
8	Meeting Notes for 30th, March	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
9	Meeting with Client #2	https://confluence.cis.unimelb.edu.au:8443//p...	COMP900822021SM1SP
10	Meeting Notes for 1st, April(Workshop Stand-u...	https://confluence.cis.unimelb.edu.au:8443//p...	COMP900822021SM1SP
11	Meeting Notes for 6th, April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
12	Meeting Notes for 13th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
13	Meeting Notes for 15th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
14	Stand-up Meeting 15th April 2021	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
15	Front-end Meeting Notes on 19th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
16	Back-end Meeting Notes 19th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
17	Stand-up Meeting 22nd April 2021	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
18	Front-end Meeting Notes on 26th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
19	Stand-up Meeting 29th April 2021	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP
20	Meeting with Client #3	https://confluence.cis.unimelb.edu.au:8443//p...	COMP900822021SM1SP
21	Back-end Meeting Notes 24th April	https://confluence.cis.unimelb.edu.au:8443//di...	COMP900822021SM1SP

Get Imported Projects

GET http://127.0.0.1:8000/api/v1/confluence/imported_projects ...

Params Authorization Headers (6) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE
Key	Text Value

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "space_key": "COMP900822021SM1SP",
7       "space_name": "COMP90082-2021-SM1-SP"
8     }
9   ]
10 }
```

Git

Get Commit Counts by Date

Git_Commits Copy / Git_Commits_Count

Save

GET

http://127.0.0.1:8000/api/v1/git/commit/space_key

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION		Bulk Edit
Key	Value	Description		

Path Variables

KEY	VALUE	DESCRIPTION		Bulk Edit
space_key	test	Description		

Body

Cookies

Headers (7)

Test Results

Status: 200 OK Time: 961 ms Size: 2.61 KB Save Response

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "commit_count": "197",
7       "date": "1605272400"
8     },
9     {
10      "commit_count": "193",
11      "date": "1605099600"
12    },
13    {
14      "commit_count": "192",
15      "date": "1604840400"
16    },
17    {
18      "commit_count": "191",
19      "date": "1604754000"
20    },
21    {
22      "commit_count": "189",
23      "date": "1604667600"
24    },
25    {
26      "commit_count": "188",
27      "date": "1604581200"
28    }
29  ]
30 }
```

Get Individual Contribution by Commit Counts

New Collection / New Request

Save

GET

http://127.0.0.1:8000/api/v1/jira/swen90013-2020-sp/contributions

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

KEY	VALUE	DESCRIPTION		Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (7)

Test Results

Status: 200 OK Time: 35.12 s Size: 2.46 KB Save Response

Pretty

Raw

Preview

Visualize

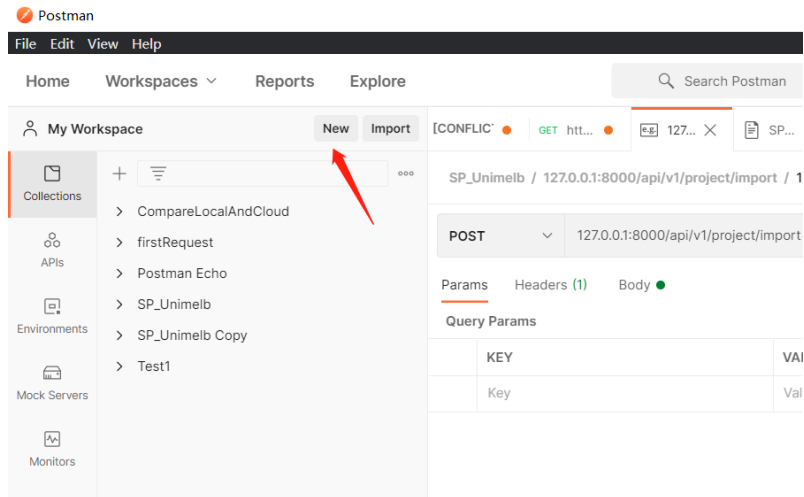
JSON

```
1 {
2   "code": 0,
3   "message": "success",
4   "data": [
5     {
6       "student": "Shen yutong",
7       "done_count": 0
8     },
9     {
10      "student": "3DV Deployment",
11      "done_count": 0
12    },
13    {
14      "student": "Arman Yazdi Arethna",
15      "done_count": 0
16    },
17    {
18      "student": "admin admin",
19      "done_count": 0
20    },
21    {
22      "student": "Admin Internal",
23      "done_count": 0
24    },
25    {
26      "student": "Samer Adra",
27      "done_count": 0
28    }
29  ]
30 }
```

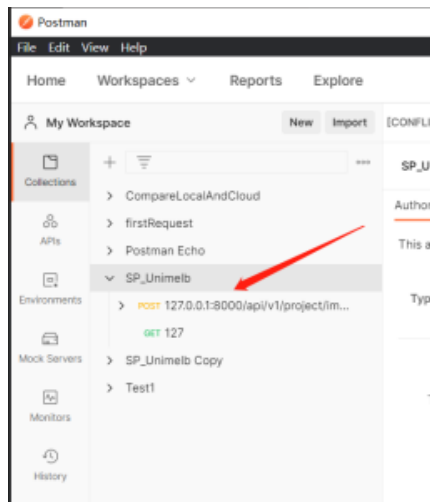
Jira

Mock API Construction Instructions

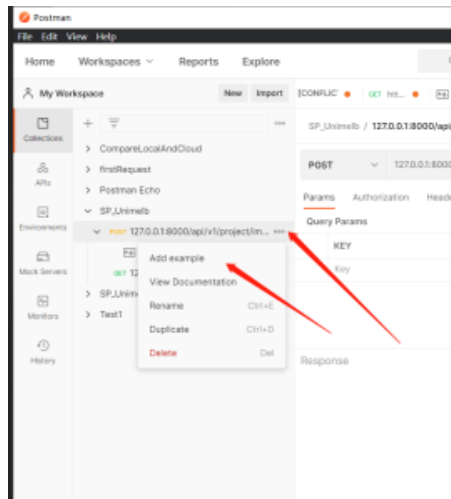
1 Create a collection here using postman



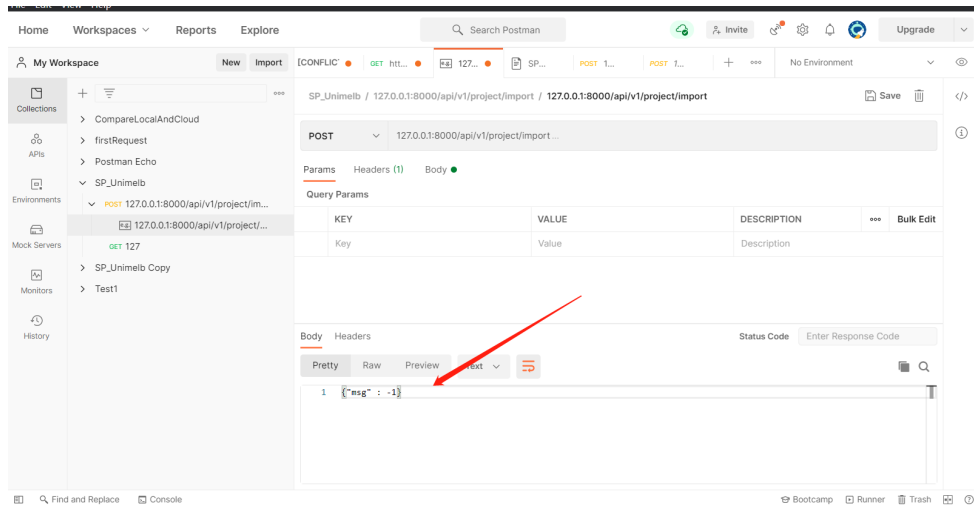
2 Add the API request into it



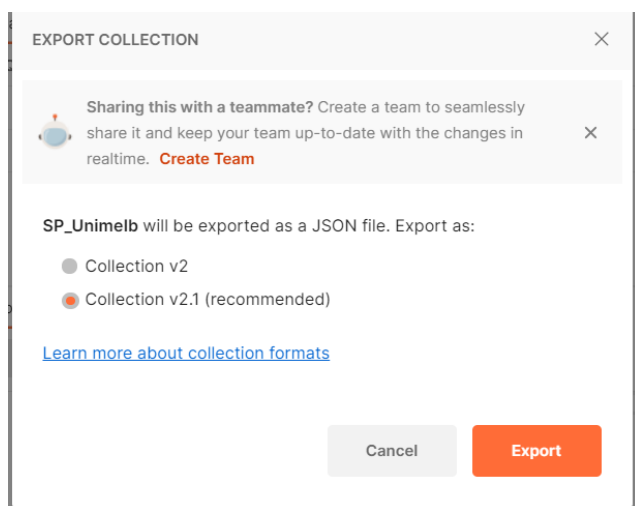
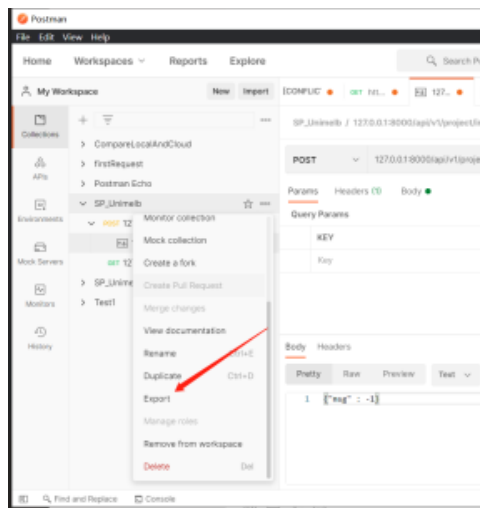
3 Add examples to each API request in collection



4 Edit the example, enter expected output here



5 Export the collection



Workload Seperation

Based on the front-end data requirement, these APIs should be implemented. Please register your interesting ones and if you finished a specific API, fill in your name in the detailed contribution column.

Module	API Name	Partial Responsible Member	Detailed Contribution
Confluence (3 members)	Get Confluence Space	Jingdan Cui Boyang Sun Pin Wang	Pin Wang
	Get User List		Pin Wang
	Get Page Count by Time		Pin Wang
	Get Meeting Munites		Jingdan Cui
	Get Individual Contribution on Confluence Pages		Boyang Sun
	Import Project in Batch		Jingdan Cui
	Get Imported Projects		Boyang Sun
Git (3 members)	Get Git Commit Count by Time	Zisheng Cheng Jinzhe Shan Chongjing Zhang	Chongjing Zhang
	Get Git Comment Count by Time		Jinzhe Shan
	Get Individual Contribution on Git Commits		Zisheng Cheng
	Get Code Metrics		
Jira (2 members)	Get Jira TO_DO/IN_PROGRESS/DONE Count by Time	Haoyu Qin Fu Xie	Haoyu Qin, Fu Xie
	Get Individual Contribution on Jira DONE Count Tickets		Haoyu Qin
	Set Github and Jira Url		Fu Xie