Как мы тестируем?

Indonesia   Malaysia   Philippines   Singapore   Thailand   Vietnam

Краткое содержание

- Что тестировать?
- Как тестировать?
- Наши помощники

Что тестируем?

Как тестируем?

- Предсказуемый процесс
- Прозрачные кейсы
- Избегать ошибок
- Ошибки должны быть дешевыми

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Предсказуемый процесс

Прозрачные кейсы

https://kanoah.atlassian.net/wiki/display/KT

Прозрачные кейсы

LAZADA GROUP

Send us feedback | **Tests** | Plans | Runs | Reports | ...

☐ **+ New** ▾ | Search... 🔍 | ▼ ⌄

☐ ↓ WS-T2906 "Yes" or "No" feedback — `PENDING AUTOMATION`

☐ ↓ WS-T2823 About LZD — `DRAFT`

☐ ↑ WS-T2951 Add items from wishlist — `PENDING AUTOMATION`

☐ ↑ WS-T2950 Add to wishlist — `PENDING AUTOMATION`

☐ ↓ WS-T2832 Address book — `PENDING AUTOMATION`

☐ ↑ WS-T2876 All categories dropdown — `DRAFT`

☐ ↑ WS-T3004 All items in cart from multisources — `PENDING AUTOMATION`

☐ ↑ WS-T3003 All items in cart from single source — `PENDING AUTOMATION`

☐ ↑ WS-T2939 All ventures (except PH) — `PENDING AUTOMATION`

☐ ↑ WS-T2865 Amount — `PENDING AUTOMATION`

☐ ↑ WS-T3137 Apply voucher via normal checkout only — `AUTOMATED`

Test Coverage +

↓ WS-T990 1.1.1 SC - Warranty dropdown (create new sku) — `DRAFT`

↓ WS-T992 1.1.2 SC - Warranty dropdown (edit existing sku) — `DRAFT`

Прозрачные кейсы

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SEARCH | SEARCH | SEARCH | SEARCH | SEARCH | SEARCH

ALL PRODUCTS | ALL PRODUCTS | ALL PRODUCTS | ALL PRODUCTS | ALL PRODUCTS | ALL PRODUCTS

LOGIN | LOGIN | LOGIN | LOGIN | LOGIN | LOGIN

Избегать ошибок - мониторинг

Избегать ошибок: pip install fuzzing

Стресс-тест с использование рандомных данных ('byte noise')

- *https://github.com/fuzzdb-project/fuzzdb*
- *https://github.com/trailofbits/protofuzz*
- *https://pypi.python.org/pypi/fuzzing*

Избегать ошибок: SOA tool

- Проверяет сервис на соответствие SOA Code Convention
- Headers, Content-Type, Port requirements, TraceId, Response Codes 400..500
- Консольный инструмент
- Ответ в формате json

```
"result": "success|error|warning",
"data": [
    {
        "target": "http://mylzdstggo1.sgdc:5051/",
        "result": "error",
        "message": "target has errors...",
        "data": [
            {
                "name": "Status",
                "result": "success",
                "message": "200",
            },
            {
                "name": "Header "X-LZD-App-Name",
                "result": "success",
                "message": "customer_api",
            },
            {
                "name": "Header "X-LZD-Forwarded-Apps"",
                "result": "error",
                "message": "Not found"
            },
            {
                "name": "Header "X-LZD-SpanId"",
                "result": "error",
                "message": "Value "4f8nmlxhj402" does not match with pattern "^[A-z,0-9
32}$""
```

Избегать ошибок: Degradation tool

```
Degradation testing
 -> DC: mskdc
 -> Showroom: order124my
 -> Service: ask-api

 -> Config initialization... SUCCESS

 -> Checking availability of services
     * db: SUCCESS

 -> Killing services
     * db is DOWN

 -> Checking health_check
Usage: grind check [OPTIONS] SHOWROOM
```

Избегать ошибок: Degradation tool

Избегать ошибок: автотесты
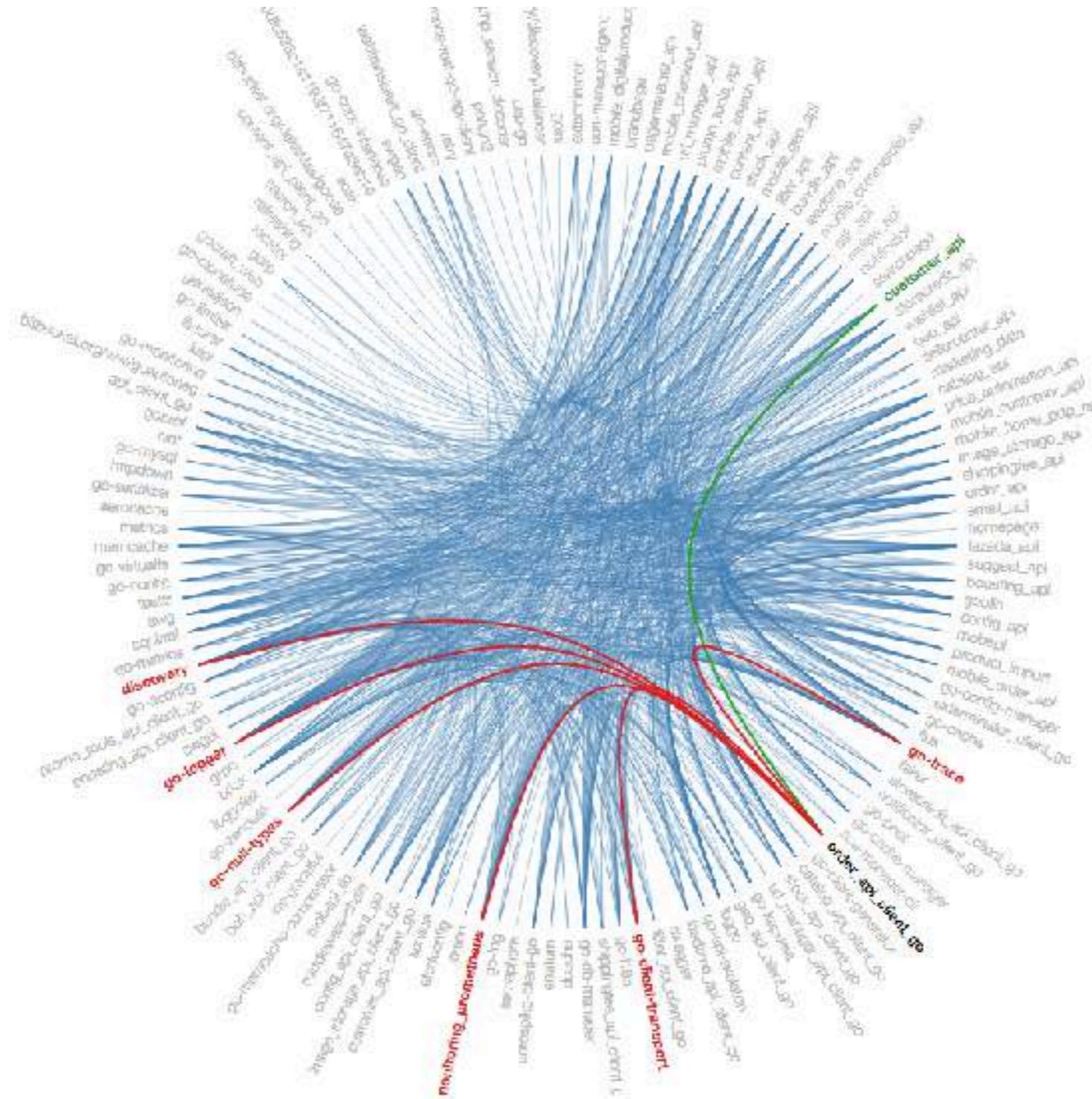
- Test coverage tool
- Emulate user experience

Определить покрытие

Order API

Created by Arseniy Antonov, last modified by lzd-qa on 10/03/17

Covered handlers	Coverage percent	Date
19 of 24	79.17%	2017-03-10 10:07:59

- Сравнивает swagger json и тестовые данные
- Актуальная информация по покрытию сервиса автотестами
- Расставить приоритеты задач технического долга по покрытию

Sparky

Слак-бот для организации релизного процесса
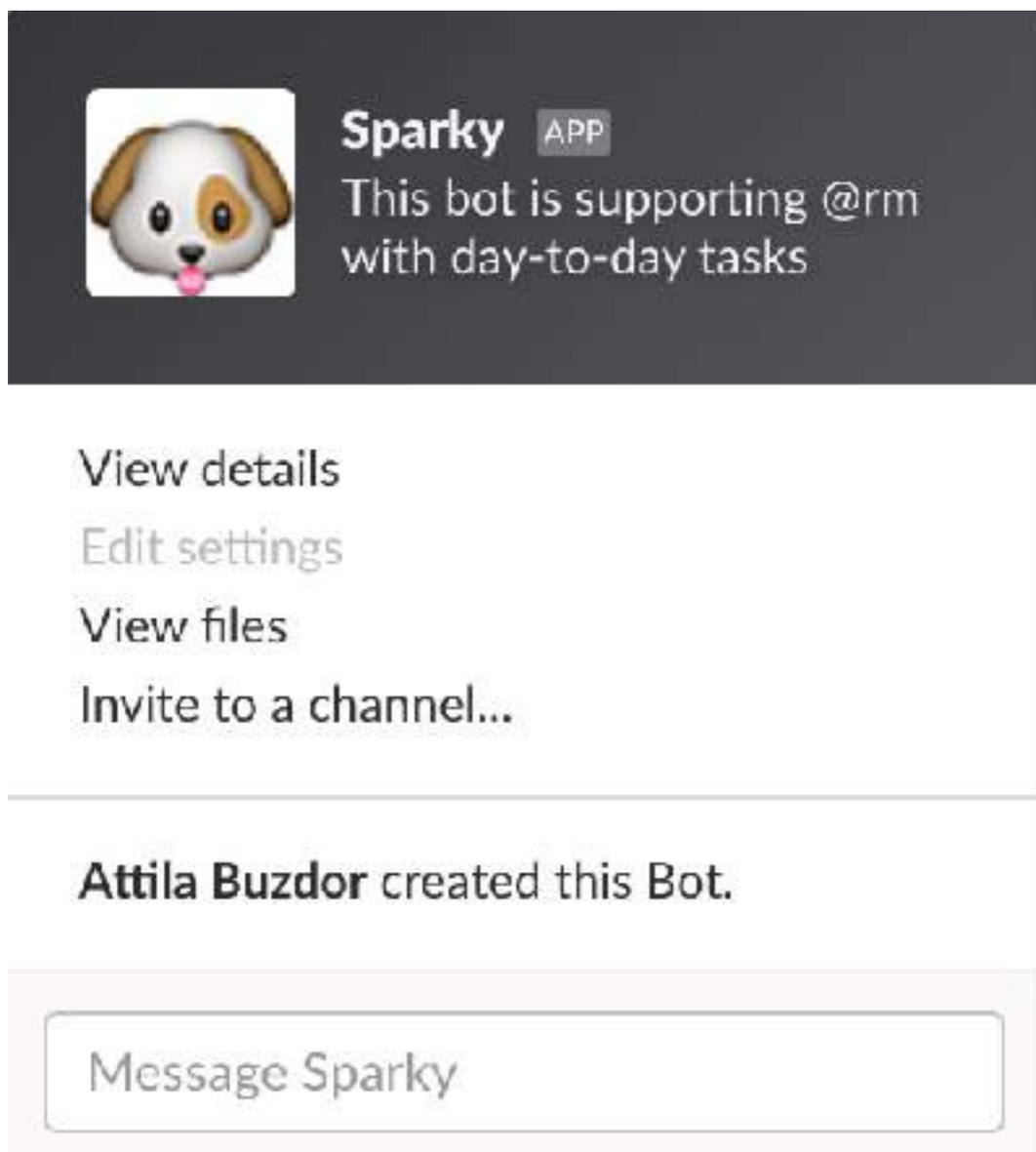
Sparky

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Sparky APP 12:08 ☆
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For detailed Sparky documentation, please check this link:

https://confluence.lazada.com/display/RE/Sparky

COMMANDS:

`@sparky help` *shows help information*

`@sparky k8s-help` *shows k8s related commands*

`@sparky ping` *bot health-check*

`@sparky say [text]` *echo of your message*

`@sparky stress` *list of tickets to be stress tested*

`@sparky whatson [venture] [env] [repo]` `@sparky wtf [venture] [env] [repo]` *list all deployed branches for the given staging. Repo parameter is optional*

`@sparky mytickets` *your assigned tickets in JIRA*

`@sparky dnd` *Do Not Disturb mode: stop receiving ALL private messages from the bot*

`@sparky dd` *Do Disturb mode: get ALL private messages from the bot again*

`@sparky listdnd` *list people who are in Do Not Disturb mode*

`@sparky etcd-blacklist` *sends you a list of components which are excluded from ETCD healthcheck monitoring*

`@sparky etcd-disable [component]` *excludes [component] from ETCD monitor, no warnings, no opsgenie alerts for it*

`@sparky etcd-enable [component]` *adds [component] into ETCD monitor, warnings and alerts will be sent according to configuration*

`@sparky reopens` *List of the 20 most reopened tickets*

`@sparky qc [ip]` `/sparky qrator-check [ip]` *check the given IP address if it's blacklisted or not*

`@sparky hf` `@sparky hotfix` *lists all emergency tickets based on statuses*

`@sparky golive` *sends picture of praying lady to the channel where it's requested*

`@sparky rejections` *informs assignees of all Awaiting Rejection tickets*

`@sparky shutup` *mute/unmute ETCD monitoring totally*

`@sparky rbugs` *lists all unresolved release bugs and staging issues with status and assignees*

`@sparky qb [ip] [venture] [time]` *adds [ip] address to blacklist on [venture]'s domain for [time] minutes*

`@sparky qub [ip] [venture]` *removes [ip] address from blacklist on [venture]'s domain*

`@sparky k8s-issues [component_name]` *List of the k8s common issues from JIRA per component*

`@sparky capacity [jira_project]` *List the candidate tickets for next release with test results, and QA fields*

`@sparky incoming [jira_project]` *List the tickets which will be important for QA in the near future*

Questions

Garden Protect Large Realistic Owl Pet (Intl)

Hãy là người đầu tiên đánh giá sản phẩm này

Thương hiệu: OEM | Thêm Chăm sóc chim, cá & thú nuôi nhỏ từ OEM