

QA - action #97955

[openqabot] Possible TypeError during execution "'NoneType' object is not subscriptable"

2021-09-02 10:11 - jbaier_cz

Status: Resolved	Start date: 2021-09-02
Priority: High	Due date:
Assignee: jbaier_cz	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: Ready	

Description

Observation

An error during qa-maintenance/openQABot execution, possible a bad data from SMELT API.

Failed job: <https://gitlab.suse.de/qa-maintenance/openQABot/-/jobs/556824>

```
$ /usr/bin/oqaqambot --verbose $BOT_PARAMS 2>&1 | tee openqabot.log
Traceback (most recent call last):
  File "/usr/bin/oqaqambot", line 11, in <module>
    load_entry_point('openQABot==0.3.0', 'console_scripts', 'oqaqambot')()
  File "/usr/lib/python3.6/site-packages/openqabot/main.py", line 18, in main
    sys.exit(run_bot(logger, args, sys))
  File "/usr/lib/python3.6/site-packages/openqabot/main.py", line 41, in run_bot
    return OpenQABot(metadata, args)()
  File "/usr/lib/python3.6/site-packages/openqabot/openqabot.py", line 88, in __init__
    self.mrs = MR(args.smelt, args.base_url, args.commenter)()
  File "/usr/lib/python3.6/site-packages/openqabot/update/mr.py", line 23, in __call__
    return self._get_mr_data()
  File "/usr/lib/python3.6/site-packages/openqabot/update/mr.py", line 137, in _get_mr_data
    ids = self._get_mr_ids()
  File "/usr/lib/python3.6/site-packages/openqabot/update/mr.py", line 93, in _get_mr_ids
    for x in ndata["data"]["requests"]["edges"]
TypeError: 'NoneType' object is not subscriptable
```

Suggestions

- Explore GraphQL query in *update/mr.py*
- Improve error reporting to include reference to invalid incident
- Handle missing data gracefully

Related issues:

Has duplicate QA - action #99489: qa-maintenance/openQABot CI job fails on `T...	Rejected	2021-09-29
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History

#1 - 2021-09-02 16:28 - osukup

its problem response from smelt api..

--> needs better exception/error handling in mr.py

#2 - 2021-09-30 09:03 - jbaier_cz

- Has duplicate action #99489: qa-maintenance/openQABot CI job fails on `TypeError: 'NoneType' object is not subscriptable` added

#3 - 2021-10-01 08:31 - cdywan

Happened again just now: <https://gitlab.suse.de/qa-maintenance/openQABot/-/jobs/618086>

```
File "/usr/lib/python3.6/site-packages/openqabot/update/mr.py", line 126, in <listcomp>
156     and "MAINTENANCE_REQUEST" in r["requestactionSet"][0]["srcProject"]["name"]
157 TypeError: 'NoneType' object is not subscriptable
```

#4 - 2021-10-01 08:47 - okurz

- Subject changed from [openqabot] Possible TypeError during execution to [openqabot] Possible TypeError during execution "'NoneType' object is not subscriptable"

- Priority changed from Low to High

- Target version changed from future to Ready

#5 - 2021-10-04 10:46 - jbaier_cz

- Status changed from New to In Progress

Made a quick PR to increase verbosity for the "bad" responses: https://gitlab.suse.de/qa-maintenance/openQABot/-/merge_requests/80

#6 - 2021-10-07 11:39 - jbaier_cz

- Status changed from In Progress to Resolved

At current set of incidents:

commit befe4d76 (before fix):

```
$ ./oqabot.py --dry --only-mr -c ../metadata/bot/mr.yml
...
File "/home/jbaier/Projects/openQABot/openqabot/update/mr.py", line 129, in <listcomp>
    and "MAINTENANCE_REQUEST" in r["requestactionSet"][0]["srcProject"]["name"]
TypeError: 'NoneType' object is not subscriptable
```

commit 4ad00ad4 (all fixes included)

```
$ ./oqabot.py --dry --only-mr -c ../metadata/bot/mr.yml
```

So the bugfix is validated and working (at least for this instance).

#7 - 2021-10-08 09:17 - cdywan

- Assignee set to jbaier_cz