

Arvados - Bug #10935

[API] Empty list turned to null

01/19/2017 05:09 PM - Peter Amstutz

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assigned To:	Peter Amstutz	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2017-02-01 sprint		

Description

```
{
  "name": "workflow",
  "state": "Uncommitted",
  "command": ["echo"],
  "container_image": "arvados/jobs",
  "output_path": "/",
  "mounts": {
    "foo": {
      "kind": "json",
      "content": {
        "a": [],
        "b": {}
      }
    }
  }
}

>>> import arvados
>>> api = arvados.api()
>>> import json
>>> f = open("blah.json")
>>> js = json.load(f)
>>> js
{'name': u'workflow', u'mounts': {u'foo': {u'content': {u'a': [], u'b': {}}, u'kind': u'json'}}},
u'state': u'Uncommitted', u'output_path': u'/', u'container_image': u'arvados/jobs', u'command': [
u'echo']]

>>> api.container_requests().create(body={"container_request": js}).execute()
{'command': [u'echo'],
 u'container_count': 0,
 u'container_count_max': 3,
 u'container_image': u'arvados/jobs',
 u'container_uuid': None,
 u'created_at': u'2017-01-19T17:06:42.107923671Z',
 u'cwd': u'.',
 u'description': None,
 u'environment': {},
 u'etag': u'dxdbdb25u2pdpaf6q9upvlhxu',
 u'expires_at': None,
 u'filters': None,
 u'href': u'/container_requests/962eh-xvhdp-riqoa9p44s6whuf',
 u'kind': u'arvados#containerRequest',
 u'log_uuid': None,
 u'modified_at': u'2017-01-19T17:06:42.106385000Z',
 u'modified_by_client_uuid': u'962eh-ozdt8-lm5x8emraox8epg',
 u'modified_by_user_uuid': u'962eh-tpzed-0000000000000000',
 u'mounts': {u'foo': {u'content': {u'a': None, u'b': {}}, u'kind': u'json'}}},
 u'name': u'workflow',
 u'output_name': None,
 u'output_path': u'/',
 u'output_uuid': None,
 u'owner_uuid': u'962eh-tpzed-0000000000000000',
 u'priority': None,
```

```
u'properties': {},
u'requesting_container_uid': None,
u'runtime_constraints': {},
u'scheduling_parameters': {},
u'state': u'Uncommitted',
u'use_existing': True,
u'uuid': u'962eh-xvhdp-rigoa9p44s6whuf' }
```

Note in the response: mounts[foo][content][a] is "None" instead of an empty list [].

Related issues:

Related to Arvados - Bug #11606: [CWL] [API] empty array submitted as null

Resolved

05/02/2017

Associated revisions

Revision 80f042be - 01/23/2017 03:28 PM - Peter Amstutz

Merge branch '10935-noop-munge' closes #10935

History

#1 - 01/19/2017 05:15 PM - Peter Amstutz

- Description updated

#2 - 01/19/2017 07:03 PM - Peter Amstutz

Added request.raw_post() logging.

Request from Python SDK:

```
{"container_request": {"name": "workflow", "mounts": {"foo": {"content": {"a": [], "b": {}}, "kind": "json"}},
"state": "Uncommitted", "output_path": "/", "container_image": "arvados/jobs", "command": ["echo"]}
```

Request from Ruby SDK:

```
{"container_request":{"\n  \"name\": \"workflow\",\n  \"state\": \"Uncommitted\",\n  \"command\": [\"echo\"],\n  \"container_image\": \"arvados/jobs\",\n  \"output_path\": \"/\",\n  \"mounts\": {\n    \"foo\": {\n      \"kind\": \"json\",\n      \"content\": {\n        \"a\": [],\n        \"b\": {} }\n    }\n  }\n}}
```

#3 - 01/19/2017 07:47 PM - Peter Amstutz

- Assigned To set to Peter Amstutz

- Target version set to 2017-02-01 sprint

Branch 10935-noop-munge

#4 - 01/20/2017 04:24 PM - Peter Amstutz

- Subject changed from Empty list turned to null to [API] Empty list turned to null

- Status changed from New to In Progress

#5 - 01/20/2017 05:56 PM - Peter Amstutz

Tests passed <https://ci.curoverse.com/job/developer-run-tests/144/>

#6 - 01/23/2017 03:35 PM - Peter Amstutz

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Applied in changeset [80f042bec0b25966498324cb6aafb7fc24a36e12](#).