Open Errata for the Web of Things (WoT) Thing Description 1.1 Specification

Latest errata update:
Fri Apr 26 2024
Number of recorded errata:
8
Link to all errata:
https://github.com/w3c/wot-thing-description/issues?q=label%3AErrata

How to Submit an Erratum?

Errata are introduced and stored in the issue list for the WoT Thing Description GitHub repository. The workflow to add a new erratum is as follows:

- An issue is raised for a possible erratum. The label of the issue SHOULD be set to "`ErratumRaised`". It is o.k. for an erratum to have several labels. In some, exceptional, cases, i.e., when the erratum is very general, it is also acceptable not to have a reference to a document.
- Issues labeled as "`Editorial`" are displayed separately, to make it easier to differentiate editorial errata from substantive ones.
- The community discusses the issue. If it is accepted as a genuine erratum, the label "`Errata`" is added to the entry and the "`ErratumRaised`" label should be removed. Additionally, a new comment on the issue MAY be added, beginning with the word "Summary:" (if such a summary is useful based on the discussion).
- If the community rejects the issue as an erratum, the issue should be closed.
- Each errata may be labelled as "`Editorial`"; editorial errata are listed separately from the substantive ones.
- ALL substantive errata are generally expected to have corresponding test(s) (such as a pull request in web-platform-tests), either in the form of new tests or modifications to existing tests, or must include the rationale for why test updates are not required for the erratum.

This report contains a reference to all open issues with the label `Errata`, displayed in the sections below. Each section collects the issues for a specific document, with a separate section for the issues not assigned to any.

If you have problems following this process, but you want nevertheless to report an error, you can also contact the staff contact of the Web of Things Working Group, Kaz Ashimura.

1. Open Errata on the "WoT Thing Description 1.1" Recommendation

Latest Published Version:
https://www.w3.org/TR/wot-thing-description/
Editor's draft:
https://w3c.github.io/wot-thing-description/
Latest Publication Date:
2 April 2020

1.1. Substantive Issues

"errata modified for issue #1988, term inconsistency among ontology an…"

Issue number: #2001
Raised by: @mahdanoura
Extra labels:
Pull request? Yes

Status: `Closed`

Initial description:

addresses #1988 for providing the errata

"Example 35 is incorrect or has inconsistency"

Issue number: #942
Raised by: @egekorkan
Extra labels: PR available, EventAffordance, V1.1
Pull request? No
Status: `Closed`

Initial description:

The Example 35 of the spec has the following TD:

```json
{
    "@context": "https://www.w3.org/2019/wot/td/v1",
    "id": "urn:dev:ops:32473-Thing-1234",
    "title": "WebhookThing",
    "description": "Webhook-based Event with subscription and unsubscribe form.",
    "securityDefinitions": {"nosec_sc": {"scheme": "nosec"}},
    "security": ["nosec_sc"],
    "events": {
        "temperature": {
            "description": "Provides periodic temperature value updates.",
            "subscription": {
                "type": "object",
                "properties": {
                    "callbackURL": {
                        "type": "string",
                        "format": "uri",
                        "description": "Callback URL provided by subscriber for Webhook notifications.",
                        "writeOnly": true
                    },
                    "subscriptionID": {
                        "type": "string",
                        "description": "Unique subscription ID for cancellation provided by WebhookThing.",
                        "readOnly": true
                    }
                }
            },
            "data": {
                "type": "number",
                "description": "Latest temperature value that is sent to the callback URL."
            },
            "cancellation": {
                "type": "object",
                "properties": {
                    "subscriptionID": {
                        "type": "integer",
                        "description": "Required subscription ID to cancel subscription.",
                        "writeOnly": true
                    }
                }
            },
            "uriVariables": {
                "subscriptionID": { "type": "string" }
            },
            "forms": [
                {
                    "op": "subscribeevent",
                    "href": "http://192.168.0.124:8080/events/temp/subscribe",
                    "contentType": "application/json",
                    "htv:methodName": "POST"
                },
                {
                    "op": "unsubscribeevent",
                    "href": "http://192.168.0.124:8080/events/temp/{subscriptionID}",
                    "htv:methodName": "DELETE"
                }
            ]
        }
    }
```

```
}
```

For the unsubscription, the corresponding form seems to use `uriVariables` via `"href": "http://192.168.0.124:8080/events/temp/{subscriptionID}",`. There is also the corresponding `uriVariables` object. However, there is also the cancellation object. Does it really mean that I should send the subscriptionID in the payload and in the body of the message? I am guessing that the cancellation object needs to be removed.

P.S. I think there is a related issue to this in TD but I couldn't find it. Here is one from Scripting API: https://github.com/w3c/wot-scripting-api/issues/208

"Small typo regarding 5.3.1.1"

Issue number: #925
Raised by: @erceguder
Extra labels: PR available, V1.1
Pull request? No
Status: Closed

Initial description:

It is stated that `In addition to the explicitly provided Interaction Affordances in the properties, actions, and events Arrays, a Thing...`, yet `properties`, `actions` and `events` are declared as of type `Map of *Affordance`.

"Editorial issues for consolidated TD REC updates - Errata items"

Issue number: #920
Raised by: @danielpeintner
Extra labels: V1.1
Pull request? No
Status: Closed

Initial description:

see the following items

- [x] PR https://github.com/w3c/wot-thing-description/pull/914
- [ ] Issue https://github.com/w3c/wot-thing-description/issues/919
- [ ] Issue https://github.com/w3c/wot-thing-description/issues/915
- [ ] Issue https://github.com/w3c/wot-thing-description/issues/925
- [ ] Issue #942

"Warning by W3C validator"

Issue number: #919
Raised by: @shujikamitsuna
Extra labels:
Pull request? No
Status: Closed

Initial description:

Dear Sir and Madam

This is Shuji Kamitsuna@Japan. Thank you for the great recommendation!

The W3C validator reports the following warning in the latest published version of the Thing Description.

https://validator.w3.org/nu/?doc=https%3A%2F%2Fwww.w3.org%2FTR%2F2020%2FREC-wot-thing-description-20200409%2F

Best Regards,

"Vocabulary term "scheme" not defined when used inside securityDefinitions"

Issue number: #915
Raised by: @nikosft
Extra labels: Propose closing, Security
Pull request? No
Status: `Closed`

Initial description:

When I try to parse a TD that includes `securityDefinitions` (using for example jsonld.js) I receive an error for every term included in the `securityDefinitions` collection. For example even this small snippet will fail with `Error: The property "scheme" in the input was not defined in the context`:

```
{
  "@context": "https://www.w3.org/2019/wot/td/v1",
  "id": "urn:dev:ops:32473-WoTLamp-1234",
  "title": "MyLampThing",
  "securityDefinitions": {
    "basic_sc": {
      "scheme": "basic",
      "in": "header"
    }
  },
  "security": [
    "basic_sc"
  ]
}
```

My suspicion is that this is happening because in https://www.w3.org/2019/wot/td/v1 all terms related to `securityDefinitions` are defined in the `security` collection. As a result, the following (odd) snippet is parsed without errors:

```
{
  "@context": "https://www.w3.org/2019/wot/td/v1",
  "id": "urn:dev:ops:32473-WoTLamp-1234",
  "title": "MyLampThing",
  "securityDefinitions": {
    "basic_sc": {}
  },
  "security": [
    "basic_sc",
    {
      "scheme": "basic",
      "in": "header"
    }
  ]
}
```

JSON-LD playground experiences the same behavior. Here is snippet 1 (notice that `scheme` is not parsed) and here is snippet 2

1.2. Editorial Issues

- **2024-04-24**: In the Thing Description ontology and it's associated HTML page, the term `hasConfigurationInstance` has been changed to `hasInstanceConfiguration` to match the JSON-LD context file. This change does not affect the WoT TD 1.1. HTML specification.
- **2024-04-24**: In the Thing Description ontology and it's associated HTML page, the `domain` of classes `model` and `instance` has been changed to `versionInfo` to match the TD specification. This change does not affect the WoT TD 1.1. HTML specification.

"Issues in Errata Document"

Issue number: #2007
Raised by: @egekorkan
Extra labels: Editorial
Pull request? No
Status: `Open`

Initial description:

```
        I noticed one minor issue in the published version.
```

Latest Publication Date: 2 April 2020

https://w3c.github.io/wot-thing-description/errata11.html

Shall we quickly update the date as well?

BTW, I am not sure whether the date is meant to relate to the TD publication or the errata publication. Anyhow, I think the date is wrong for both

Originally posted by @danielpeintner in https://github.com/w3c/wot-thing-description/issues/ 2001#issuecomment-2078828512

"fix: remove wrong "," in example 17 TD snippet"

Issue number: #914
Raised by: @danielpeintner
Extra labels: Editorial
Pull request? Yes
Status: Closed

Initial description:

…knowing that many TD examples are not valid JSON files as a "whole" this PR removes a wrong "," in the *middle* of a TD snippet

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Kaz Ashimura, <ashimura@w3.org>, (W3C)