Community

Unevaluated Items

New in draft 2019-09

The unevaluatedItems keyword is useful mainly when you want to add or disallow extra items to an array.

unevaluatedItems applies to any values not evaluated by an items, prefixItems, or contains keyword. Just as unevaluatedProperties affects only **properties** in an object, unevaluatedItems affects only **items** in an array.

Watch out! The word "unevaluated" does not mean "not evaluated by items, prefixItems, or contains." "Unevaluated" means "not successfully evaluated", or "does not evaluate to true".

Like with items, if you set unevaluatedItems to false, you can disallow extra items in the array.

Here, all the values are evaluated. The schema passes validation.

```
1 ["foo", 42]

✓ compliant to schema
```

But here, the schema fails validation because "unevaluatedItems": false specifies that no extra values should exist.

```
1 ["foo", 42, null]

** not compliant to schema
```

same subschema. So in this next example, items ignores allof and thus fails to validate.

Note that items doesn't "see inside" any instances of allOf, anyOf, or oneOf in the

```
1  {
2    "allOf": [{ "prefixItems": [{ "type": "boolean" }, { "type":
        "string" }] }],
3    "items": { "const": 2 }
4  }
```

```
1 [true, "a", 2]

** not compliant to schema
```

But if you replace items with unevaluatedItems, then the same array validates.

```
1 [true, "a", 2]
```

data

⅓ schema

two arguments, but also add more in certain situations. ("Closed" to two arguments in some places, "open" to more arguments when you need it to be.)

You can also make a "half-closed" schema: something useful when you want to keep the first

another item like this:

Thus, you would reference my-tuple#closed when you need only two items and reference

my-tuple#extended when you need three items.