

Declarative Web Push

Web Push Today

- Opaque payload.
- Service worker.
- JavaScript-created notification.
- Possible user-agent-created opaque fallback notification.

Web Push Tomorrow (Well, Soon)

- Intelligible payload.
- Notification derived from the payload.

Why?

- Makes critical notifications more robust.
- Provides a path that consumes less end user resources.

How?

- Parse opaque payload as JSON.
- If that succeeds and it meets a number of criteria, then it's intelligible.

Wait what?

- Desire to be fully backwards compatible.
- Make adoption as frictionless as possible.

Example

```
{  
  "web_push": 8030,  
  "notification": {  
    "title": "Ada emailed 'London'",  
    "lang": "en-US",  
    "dir": "ltr",  
    "body": "Did you hear about the tube strikes?",  
    "navigate": "https://email.example/message/12"  
  }  
}
```

Thank you!

GitHub

[w3c/push-api/issues/360](https://github.com/w3c/push-api/issues/360)