

JMAP Portability

and Related Drafts

IETF 118

JMAP Portability

Main draft:

- JMAP for Migration and Data Portability
<https://datatracker.ietf.org/doc/draft-baum-jmap-portability/01/>

Related (small) documents:

- JMAP Debug Logging <https://datatracker.ietf.org/doc/draft-baum-jmap-debug>
- JMAP Backend Info
<https://datatracker.ietf.org/doc/draft-baum-jmap-backend-info>
- JMAP REST Mapping <https://datatracker.ietf.org/doc/draft-baum-jmap-rest>

JMAP for Migration and Data Portability

- *First presented at IETF 116*
- Provide clear guidance on implementing essential parts of JMAP
- Much lower entry barrier and more efficient implementation of the protocol

JMAP Debug Logging

- *First presented at IETF 116*
- Extend the JMAP Response with log messages, particularly helpful for debugging

```
{
  "logs" : [
    {
      "file" : "ErrorHandler.php",
      "level" : "warning",
      "line" : 52,
      "message" : "fopen(bridge.php):
        failed to open stream: No such file or directory",
      "timestamp" : "2022-01-18T10:26:56+01:00"
    },
    ...
  ],
  "methodResponses" : [
    [
      "Core/echo",
      ...
    ]
  ]
}
```

JMAP Backend Info

- *First presented at IETF 116*
- Defines the ability to provide details about the product, backend and environment for JMAP servers

```
{
  "capabilities": {
    "urn:ietf:params:jmap:core:backendinfo": {
      "apiBackend": {
        "name": "OpenXPort/Horde",
        "version": "1.0.0"
      },
      "product": {
        "name": "Horde Webmailer",
        "version": "1.0.0"
      },
      "environment": {
        "name": "PHP",
        "version": "5.5"
      }
    }
  },
  ...
}
```

JMAP REST Mapping

- *First presented at IETF 116*
- Specifies a REST Mapping for JMAP endpoints to impose fewer requirements on applications compared to conventional JMAP endpoints

Adopt the drafts?

