

# Intervention: JMAP Portability Motivation

Why?

- Move existing user data between systems over generic API
- Give API spec to legacy systems which have no appropriate API

Example: Migrate away from Horde webmailer.

We present three documents:

1. *Guide*: Bare minimum, even for “one-time migration” use (lower entry barrier)
2. *REST*: Introduce simplified request scheme (even lower barrier)
3. *Extensions*: Solutions to migration-specific problems

# JMAP REST Mapping

IETF 119

<https://datatracker.ietf.org/doc/draft-ietf-jmap-rest/00/>

# Changes

Its adopted!

# JMAP “*REST Mapping*”

```
"apiUrlRest": "https://jmap.me/api/<methodCall>  
?using=<using>&accountId=<accountId>"
```

```
POST /api/ContactCard/get/?  
  using=urn%3Aietf%3Aparams%3Ajmap%3Acontacts,  
  urn%3Aietf%3Aparams%3Ajmap%3Acore&accountId=u7339402f  
Host: jmap.me  
Accept: application/json
```

Neil: “odd”

Mark: “it has more to do with RPC than REST”

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Low requirements for low effort JMAP implementation:

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```
apiRestUrl: "/api/{accountId}/{typeName}"
```

```
GET /api/account1/Calendar/123-12345?properties=["name", "color"]
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- ~~No Routing in URI~~

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Me:

- Seems fine
- Is /query part of simple CRUD? Would be good to leave out for now.

# URI Templates RFC6570

```
"apiUrlRest": "https://jmap.me/api/<methodCall>  
?using=<using>&accountId=<accountId>"
```

VS

```
"apiUrlRest": "https://jmap.me/api/{methodCall}  
?using={using}&accountId={accountId}"
```

- For now sticking close to `Session.downloadUrl` of RFC8620 (JMAP Core)
- Could move to URI template
- If yes, do we want to allow any kind of URI template as a value?