



# Improving password managers and multidevice synchronization

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- Synchronisation across devices
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# **Synchronisation across devices**

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# Synchronisation across devices

- *Very* useful for the user
- Synchronising across different browsers is scary...
- ...and needs credential structure standardisation



**Credential submission consistency**

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# Credential submission consistency

- No way for the browser to identify credentials
- Eg. don't know what's your “user id”
- Eg. don't know which fields can't be remembered
- Browsers don't know how to “login” to a website



# **Managing identity information**

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# Managing identity information

- Account creation
  - When is it happening?
  - Is that “repeat password” or a second password?
- Account update
  - How to do it? URIs and such
  - What fields can the browser help with?