Improving password managers and multidevice synchronization
Contents

- Synchronisation across devices
- Credential submission consistency
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Synchronisation across devices
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• Very useful for the user
• Synchronising across different browsers is scary...
• ...and needs credential structure standardisation
Credential submission consistency
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
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?