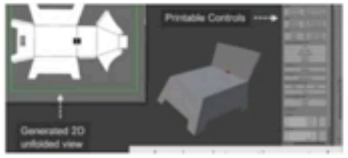
Peripheral awareness

Atención periférica

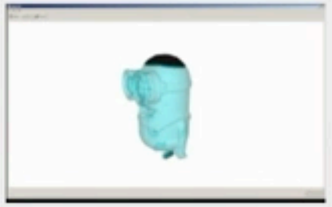
She adds its video preview to her playlist.

+ Liz's thesis



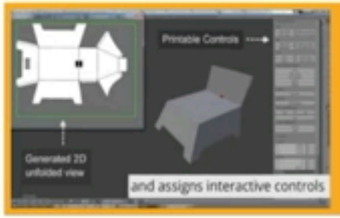
Printem: Instant Printed Circuit Boards with Standard Office Printers & Inks

Varun Perumal C, Daniel Wigdor



Capricate: A Fabrication Pipeline to Design and 3D Print Capacitive Touch Sensors for Interactive Objects

Martin Schmitz, Mohammadreza Khalilbeigi, Matthias Balwierz, Roman Lissermann, ...



Foldio: Digital Fabrication of Interactive and Shape-Changing Objects With Foldable Printed Electronics

Simon Olberding, Sergio Soto Ortega, Klaus Hildebrandt, Jürgen Steimle

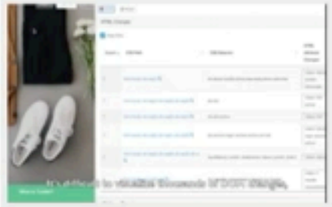
uniMorph - Fabricating Thin Film Composites for Shape-Changing Interfaces

Felix Heibeck, Basheer Tome, Clark David Della Silva, Hiroshi Ishii

Touch Input

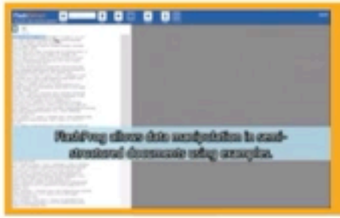
Explaining Visual Changes in Web Interfaces

Brian Burg, Andrew J Ko, Michael Ernst



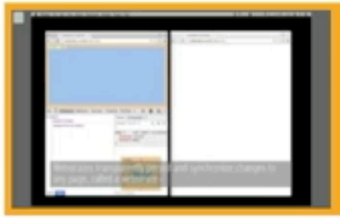
Unravel: Rapid Web Application Reverse Engineering via Interaction Recording, Source Tracing, and Library Detection

Joshua Hibschman, Haoqi Zhang



User Interaction Models for Disambiguation in Programming by Example

Mikaël Mayer, Gustavo Soares, Maxim Grechkin, Vu Le, ...



Webstrates: Shareable Dynamic Media

Clemens Klokmose, James Eagan, Siemen Baader, Wendy Mackay, Michel Beaudouin-Lafon

Tangibles

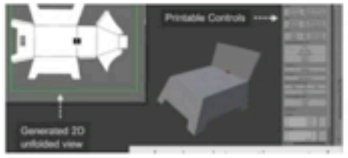
- Mientras tenemos el foco en algo puntual, seguimos prestando atención en segundo plano a lo que pasa en nuestra periferia.

- Cómo diseñamos para “la periferia” del foco de atención del usuario?

Carla F. Griggio, Nam Giang, Germán Leiva, and Wendy E. Mackay. The UIST Video Browser: Creating Shareable Playlists of Video Previews. UIST '16 Adjunct). https://doi.org/10.1145/2984751.2985703

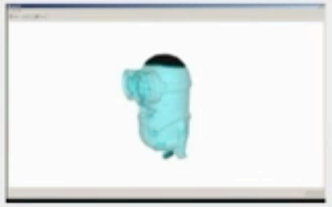
She adds its video preview to her playlist.

+ Liz's thesis



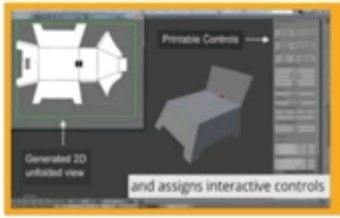
Printem: Instant Printed Circuit Boards with Standard Office Printers & Inks

Varun Perumal C, Daniel Wigdor



Capricate: A Fabrication Pipeline to Design and 3D Print Capacitive Touch Sensors for Interactive Objects

Martin Schmitz, Mohammadreza Khalilbeigi, Matthias Balwierz, Roman Lissermann, ...



Foldio: Digital Fabrication of Interactive and Shape-Changing Objects With Foldable Printed Electronics

Simon Olberding, Sergio Soto Ortega, Klaus Hildebrandt, Jürgen Steimle

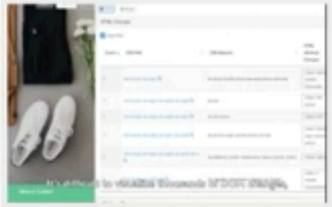
uniMorph - Fabricating Thin Film Composites for Shape-Changing Interfaces

Felix Heibeck, Basheer Tome, Clark David Della Silva, Hiroshi Ishii

Touch Input

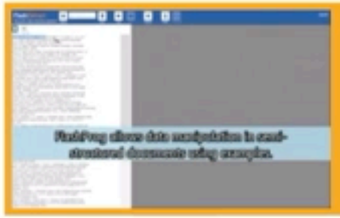
Explaining Visual Changes in Web Interfaces

Brian Burg, Andrew J Ko, Michael Ernst



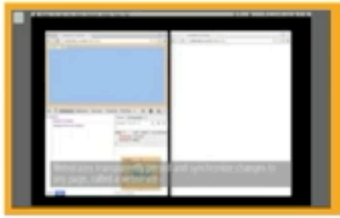
Unravel: Rapid Web Application Reverse Engineering via Interaction Recording, Source Tracing, and Library Detection

Joshua Hibschman, Haoqi Zhang



User Interaction Models for Disambiguation in Programming by Example

Mikaël Mayer, Gustavo Soares, Maxim Grechkin, Vu Le, ...



Webstrates: Shareable Dynamic Media

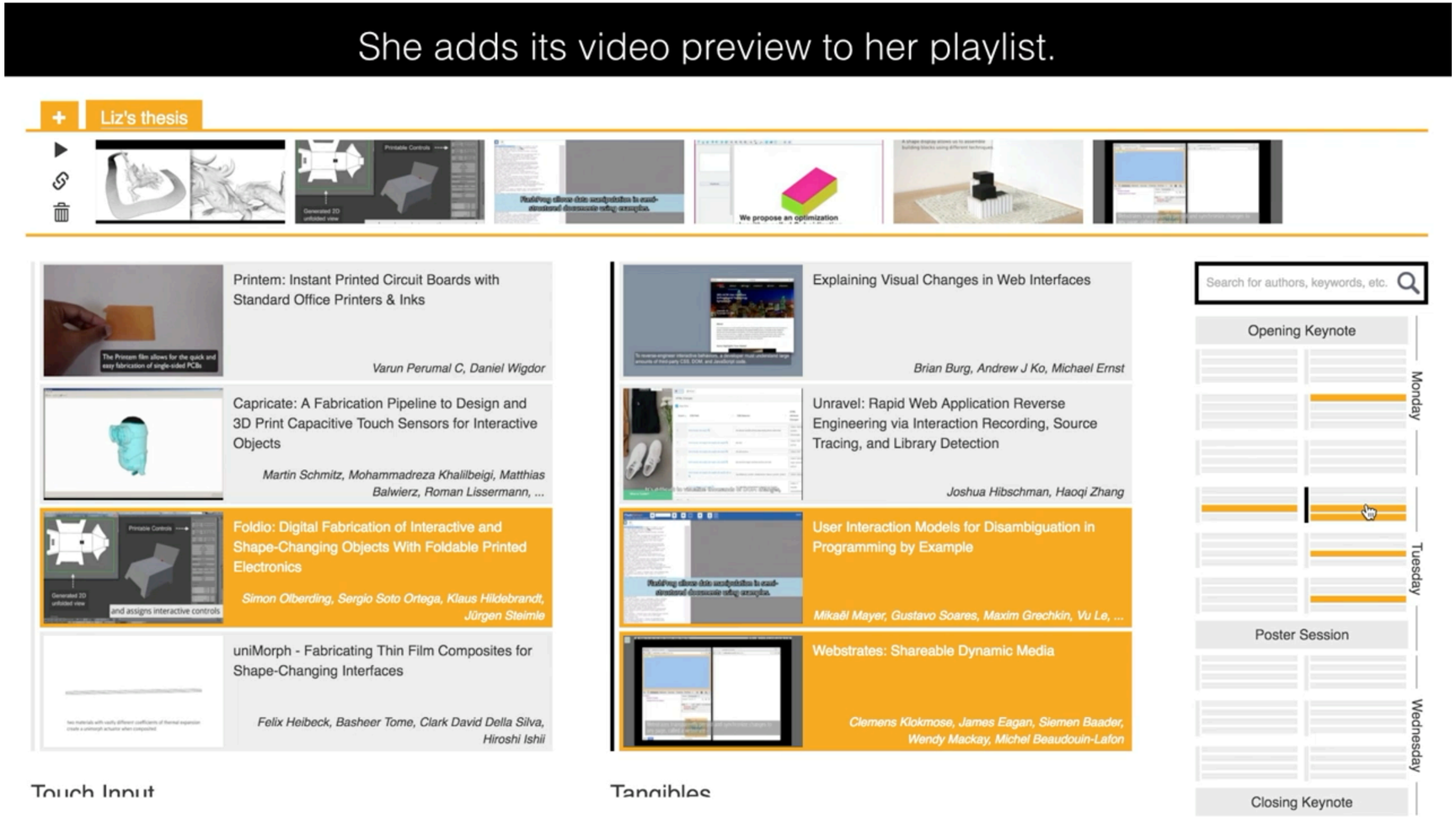
Clemens Klokmose, James Eagan, Siemen Baader, Wendy Mackay, Michel Beaudouin-Lafon

Tangibles

Atención periférica

Peripheral awareness

- Mientras tenemos el foco en algo puntual, seguimos prestando atención en segundo plano a lo que pasa en nuestra periferia.
- Cómo diseñamos para “la periferia” del foco de atención del usuario?

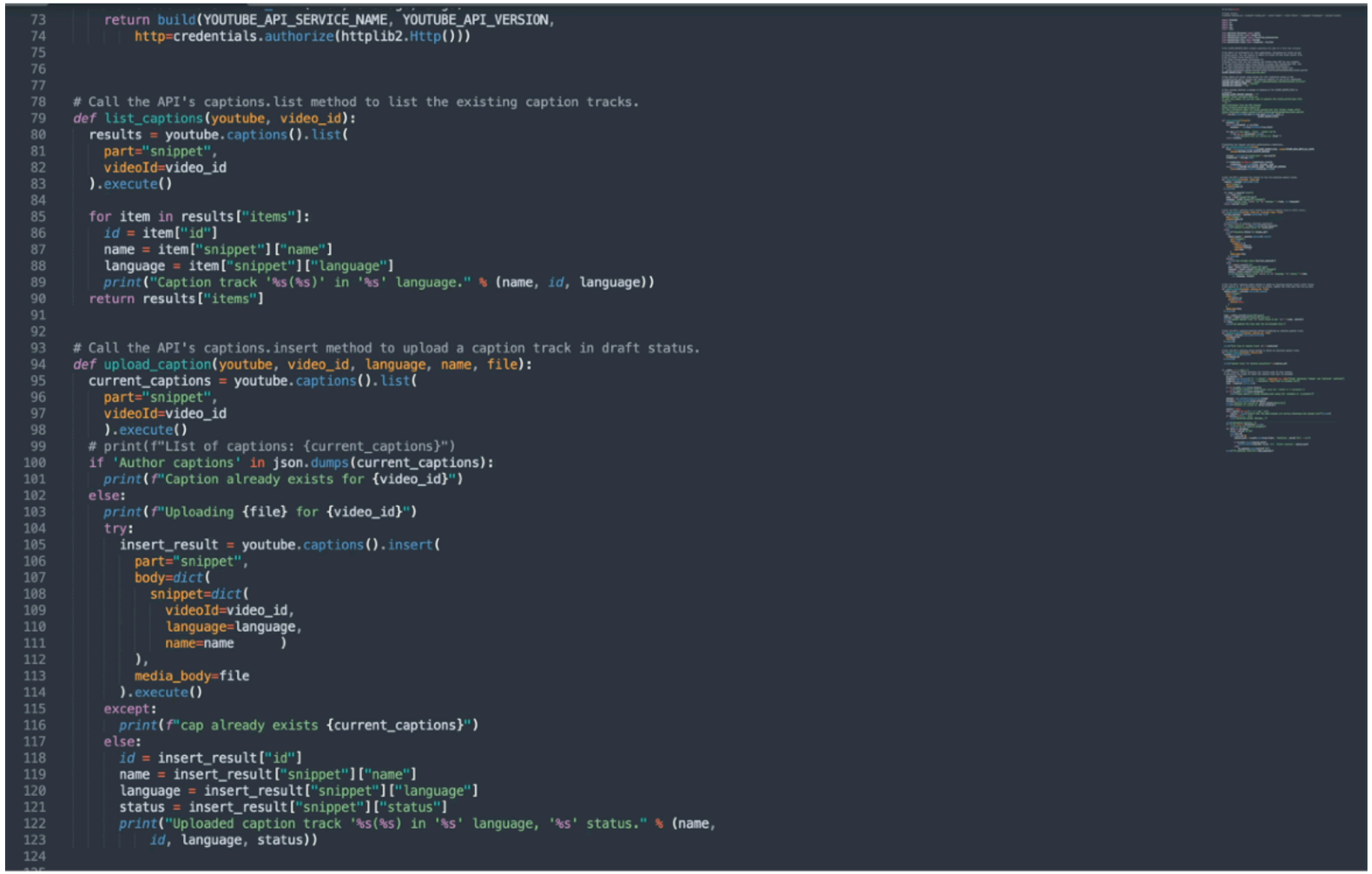


Carla F. Griggio, Nam Giang, Germán Leiva, and Wendy E. Mackay. The UIST Video Browser: Creating Shareable Playlists of Video Previews. UIST '16 Adjunct). https://doi.org/10.1145/2984751.2985703

Atención periférica

Peripheral awareness

- Mientras tenemos el foco en algo puntual, seguimos prestando atención en segundo plano a lo que pasa en nuestra periferia.
- Cómo diseñamos para “la periferia” del foco de atención del usuario?



```
    return build(YOUTUBE_API_SERVICE_NAME, YOUTUBE_API_VERSION,
        http=credentials.authorize(httplib2.Http()))



# Call the API's captions.list method to list the existing caption tracks.
def list_captions(youtube, video_id):
  results = youtube.captions().list(
    part="snippet",
    videoId=video_id
  ).execute()

  for item in results["items"]:
    id = item["id"]
    name = item["snippet"]["name"]
    language = item["snippet"]["language"]
    print("Caption track '%s(%s)' in '%s' language." % (name, id, language))
  return results["items"]


# Call the API's captions.insert method to upload a caption track in draft status.
def upload_caption(youtube, video_id, language, name, file):
  current_captions = youtube.captions().list(
    part="snippet",
    videoId=video_id
    ).execute()
  # print(f"LIst of captions: {current_captions}")
  if 'Author captions' in json.dumps(current_captions):
    print(f"Caption already exists for {video_id}")
  else:
    print(f"Uploading {file} for {video_id}")
    try:
      insert_result = youtube.captions().insert(
        part="snippet",
        body=dict(
          snippet=dict(
            videoId=video_id,
            language=language,
            name=name      )
        ),
        media_body=file
      ).execute()
    except:
      print(f"cap already exists {current_captions}")
    else:
      id = insert_result["id"]
      name = insert_result["snippet"]["name"]
      language = insert_result["snippet"]["language"]
      status = insert_result["snippet"]["status"]
      print("Uploaded caption track '%s(%s) in '%s' language, '%s' status." % (name,
          id, language, status))
```

Sublime