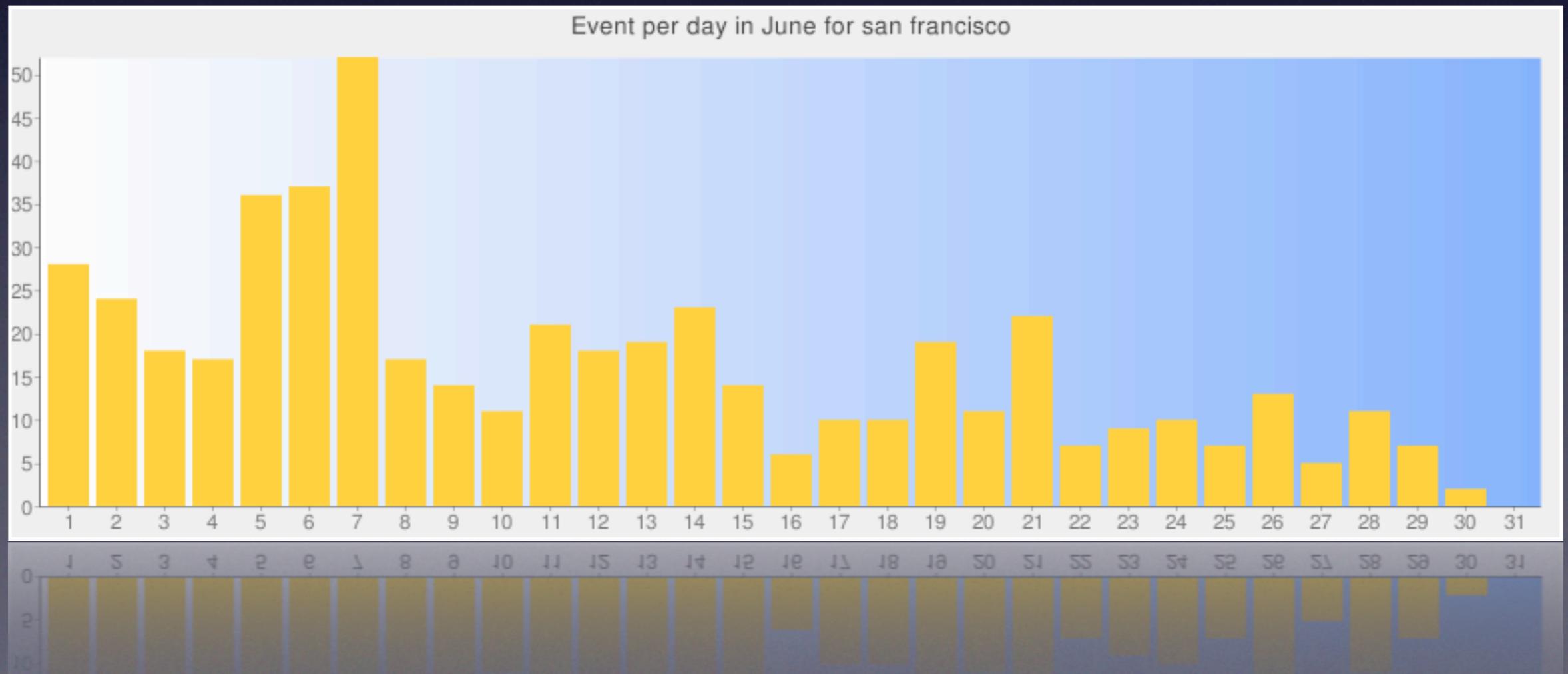


# Advanced Event Database Search Assistant

Norman Holz & David Sonnabend  
Informationsintegration

# Original Mashup

- “UpcomingStats” - Arvid Heise & Victor Saar
- Anzahl der Events pro Tag im jeweiligen Monat in der jeweiligen Stadt



# Domäne

- Veranstaltungskalender/Eventsuche
- Events
  - Datum
  - Location
  - Beschreibung

# Datenquellen

- Upcoming
- + Zvents
- + Eventful
- + Last.fm

# Demo

The screenshot shows a web interface for an event search assistant. At the top, the word "upcoming" is written in a stylized, cursive font in yellow on a red background. Below this, the title "Advanced Event Database Search Assistant" is centered in a dark red font. A yellow background contains the following text: "You must provide a location, e.g. 'San Francisco'. All other fields are optional!" and "If no time is specified the events for the rest of the month will be queried." The search form includes four input fields: "City:" with "San Francisco" entered, "What:" (empty), "When:" (empty), and "to:" (empty) with a "(YYYY-MM-DD)" label. A "Look for events" button is located at the bottom right of the yellow section. Below the form, a white section contains the text: "Extension of Mashup 'UpcomingStats' made by Arvid Heise and Viktor Saar. (c) Norman Holz and David Sonnabend." At the bottom, there are logos for "eventful", "zvents" (with the tagline "Discover Things To Do"), and "last.fm". The entire interface is reflected in a dark grey area at the bottom of the image.

*upcoming*

Advanced Event Database Search Assistant

You must provide a location, e.g. "San Francisco". All other fields are optional!  
If no time is specified the events for the rest of the month will be queried.

City:  What:

When:  to  (YYYY-MM-DD)

Extension of Mashup "UpcomingStats" made by Arvid Heise and Viktor Saar.  
(c) Norman Holz and David Sonnabend.

eventful zvents Discover Things To Do last.fm

(c) Norman Holz and David Sonnabend  
Extension of mashup "UpcomingStats" made by Arvid Heise and Viktor Saar.

# Heterogenitäten

- Schnittstelle:
  - HTML Formular vs. API
- Struktur:
  - XML vs. HTML
  - Element vs. Attribut
- Semantisch
  - Synonyme: z.B. lineup vs. title vs. name

# Lösungen

- Integration der Datenquellen über entsprechende Wrapper
- Toleranter HTML Parser für Last.fm
- Duplikaterkennung
  - schrittweise Partitionierung
  - String - Ähnlichkeitsmaß (JaroWinkler)

# Potentiale

- Parallelisierung der Anfragen
- Qualität der Duplikaterkennung
- Flexiblere Bindung der Variablen
- ...

# Vielen Dank

The image shows a web interface for an event search tool. At the top, the word "upcoming" is written in a stylized, cursive font. Below it, the title "Advanced Event Database Search Assistant" is centered. A message states: "You must provide a location, e.g. 'San Francisco'. All other fields are optional! If no time is specified the events for the rest of the month will be queried." The search form includes four input fields: "City:" with "San Francisco" entered, "What:" (empty), "When:" (empty), and "to:" (empty) with a "(YYYY-MM-DD)" label. A "Look for events" button is on the right. Below the form, a copyright notice reads: "Extension of Mashup 'UpcomingStats' made by Arvid Heise and Viktor Saar. (c) Norman Holz and David Sonnabend." At the bottom, logos for "eventful", "zvents", and "last.fm" are displayed.

*upcoming*

### Advanced Event Database Search Assistant

You must provide a location, e.g. "San Francisco". All other fields are optional!  
If no time is specified the events for the rest of the month will be queried.

City:  What:

When:  to  (YYYY-MM-DD)

[Look for events](#)

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[eventful](#) [zvents](#) [last.fm](#)

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