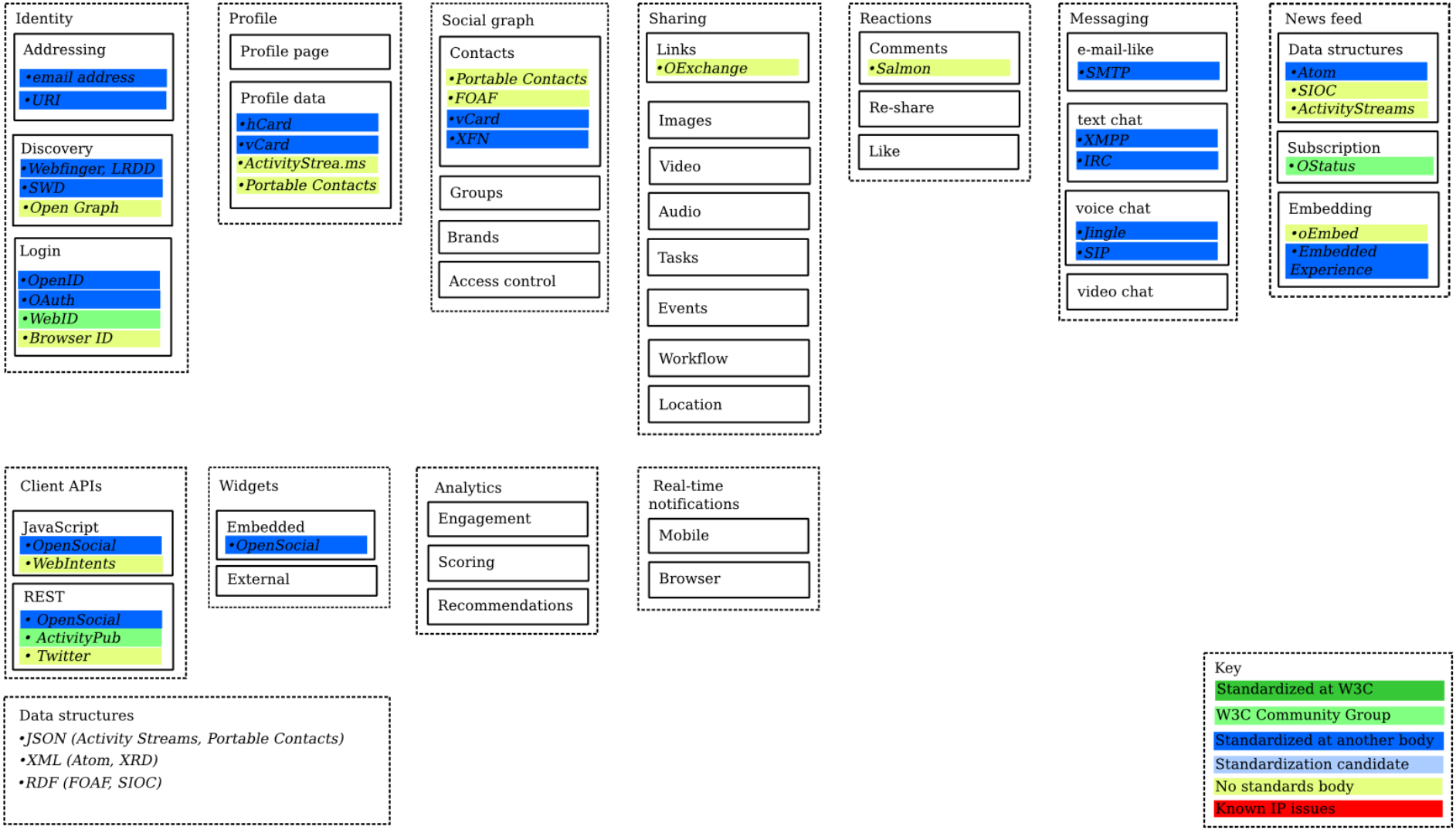
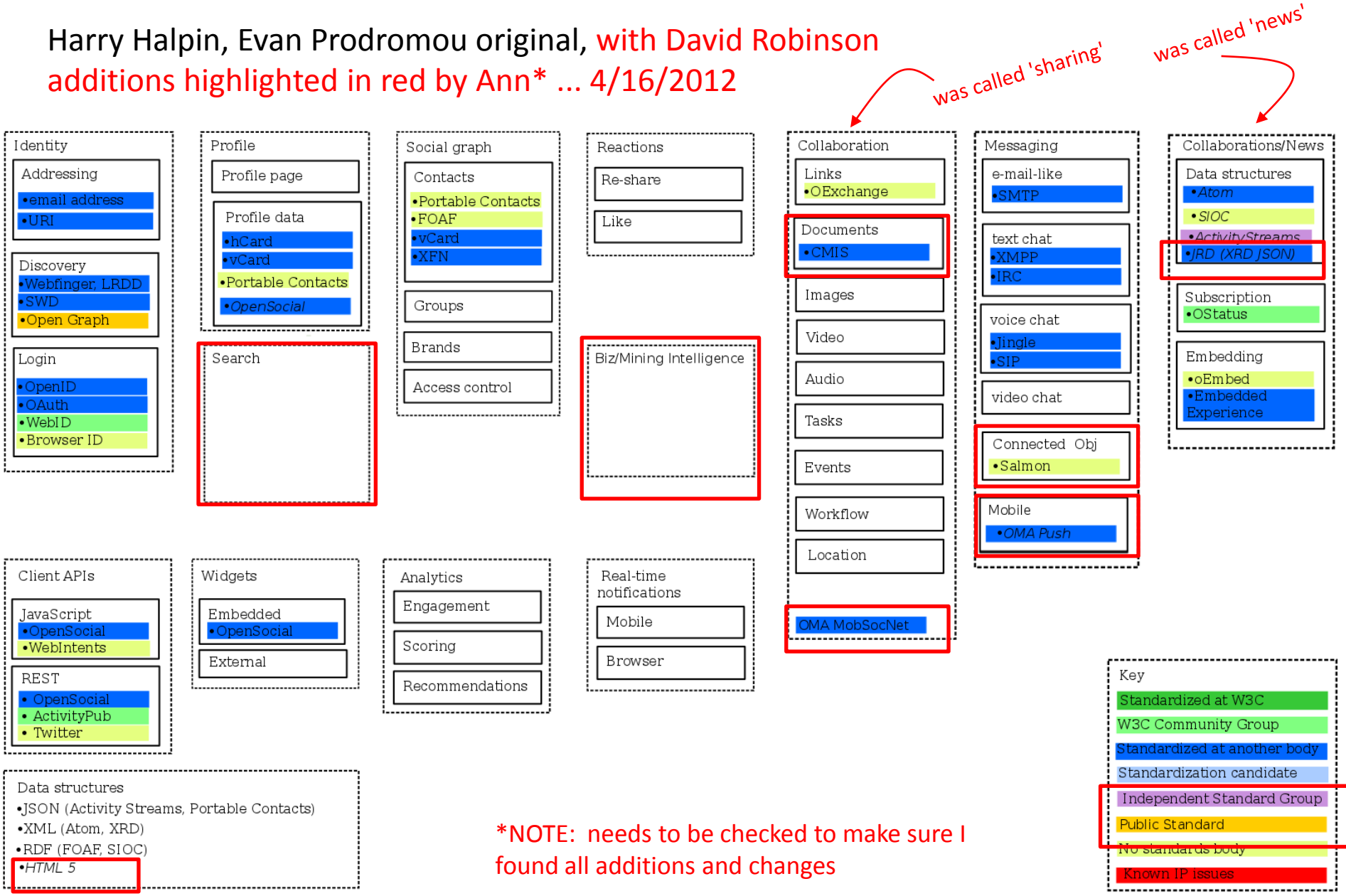
# from Harry Halpin, Evan Prodromou, 4/2/2012



# Harry Halpin, Evan Prodromou original, with David Robinson additions highlighted in red by Ann* ... 4/16/2012




*NOTE: needs to be checked to make sure I found all additions and changes

## Human interactions

from Harry Halpin, Evan Prodromou, 4/2/2012; additions from Ann Bassetti, 4/14/2012

### Sharing

- Text
- Links
  - *OExchange*
- Images
- Video
- Audio
- Tasks
- Events
- Workflow
  - Routing
  - Signatures
- Location
- Bookmarks
- Status
  - Presence
  - Microblog

### Messaging

- E-mail like
  - *SMTP*
- Text chat (includes 1:1 and 1:multiple; also includes "Live Chat" such as with Helpline person)
  - XMPP
  - IRC
- Voice chat
  - Jingle
  - STP
- Video chat
- Forward / reply (might be part of others or part of 'Sharing")
- Threaded discussions (e.g., bulletin board; includes "Idea Generation / Jam")

### Group Dynamics (e.g., Community, Team)

- Create
- Join / Un-join
- End / Close
- Membership list(s)
- Group list(s)
- Distribution list(s)

### Newsfeed

- Data structures
  - *Atom*
  - *SIOC*
  - *ActivityStreams*
- Subscription
  - *OStatus*
- Embedding
  - *oEmbed*
  - *Embedded Experience*
- Alerts / Notifications

### Reactions

- Comments
  - *Salmon*
- Re-share
- Like / rating
- Recommendations
- Tags

### Key

- Standardized at W3C
- W3C Community Group
- Standardized at another body
- Standardization candidate
- No standards body
- Known IP issues

## About the human *

### Identity

- Given/family name
- Username(s)
- Assigned number(s) (e.g., governmental)
- ....

- snail mail address
- email address
- URI

### Social Graph

- Contacts
  - *Portable Contacts*
  - *FOAF*
  - *vCard*
  - *XFN*
- Groups
- Brands
- Access control ??

### Profile

- Profile page ??
- Profile data
  - *hCard*
  - *vCard*
  - *ActivityStrea.ms*
  - *Portable Contacts*
  - ...
- Presence
- Location
- Skills

*Note: inside corporate firewall one has professional profile, separate from one's personal profile.

## Ubiquitous attributes

- Threading
- Sorting (by 'likes', 'most recent',...)
- Hyperlinks
- Variable device display
- Variable security settings
- ...

## Technical foundations

### Client APIs

- JavaScript
  - *OpenSocial*
  - *WebIntents*
- REST
  - *OpenSocial*
  - *ActivityPub*
  - *Twitter*

### Widgets

- Embedded
  - *OpenSocial*
- External

### Analytics

- Engagement
- Scoring
- Recommendations
- Trends

### Real-time Notifications

- Mobile
- Browser

### Login credentials

- *OpenID*
- *OAuth*
- *WebID*
- *Browser ID*

### Discovery

- *Webfinger, LRDD*
- *SWD*
- *Open Graph*

### Data structures

- *JSON (Activity Streams, Portable Contacts)*
- *XML (Atom, XRD)*
- *RDF (FOAF, SIOC)*

### Content 'structures'

- Wiki
- Blog
- HTML+
- Microblog