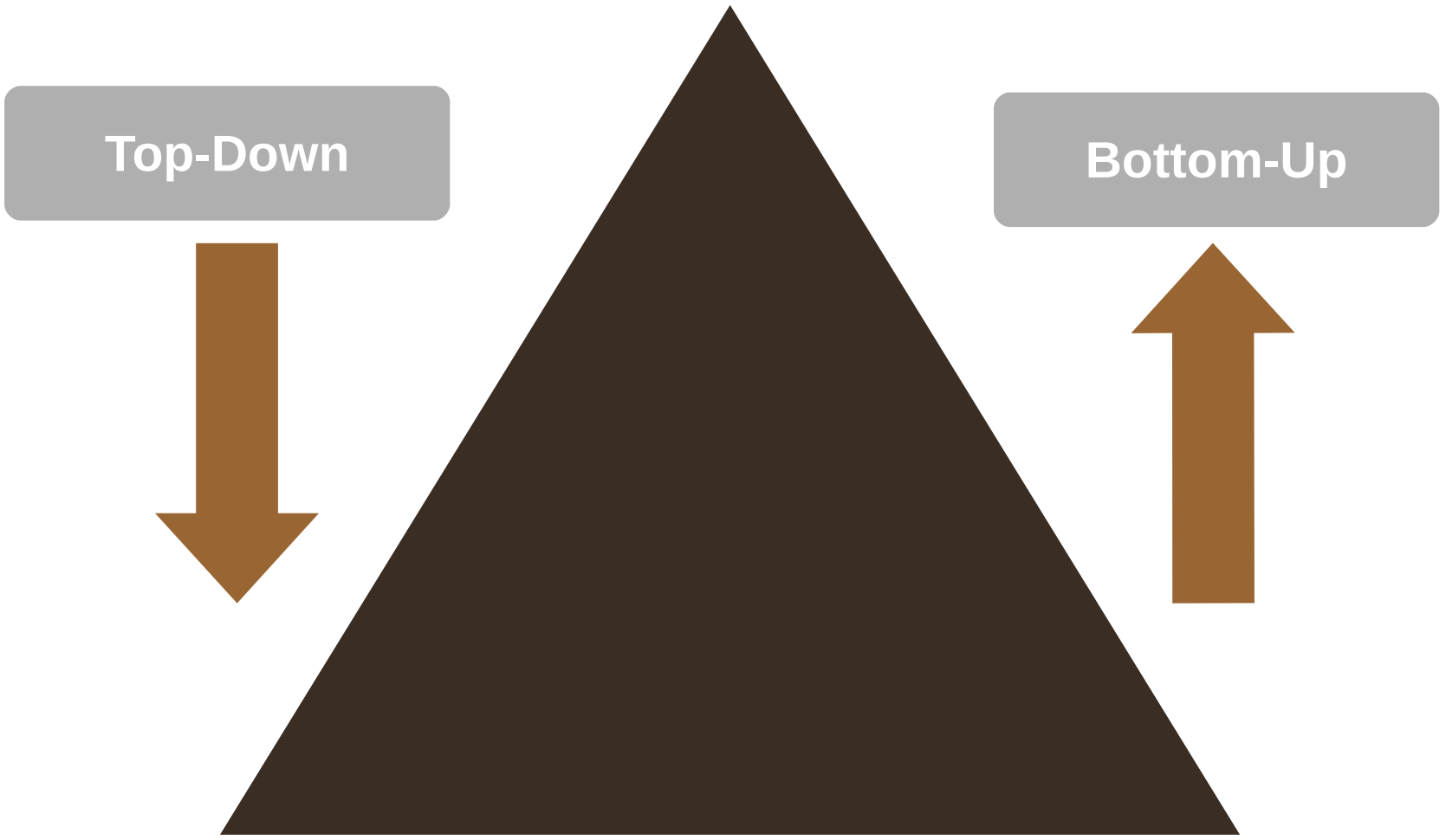
Instant Syndicating Standards

Nick Vidal @ UFRGS University

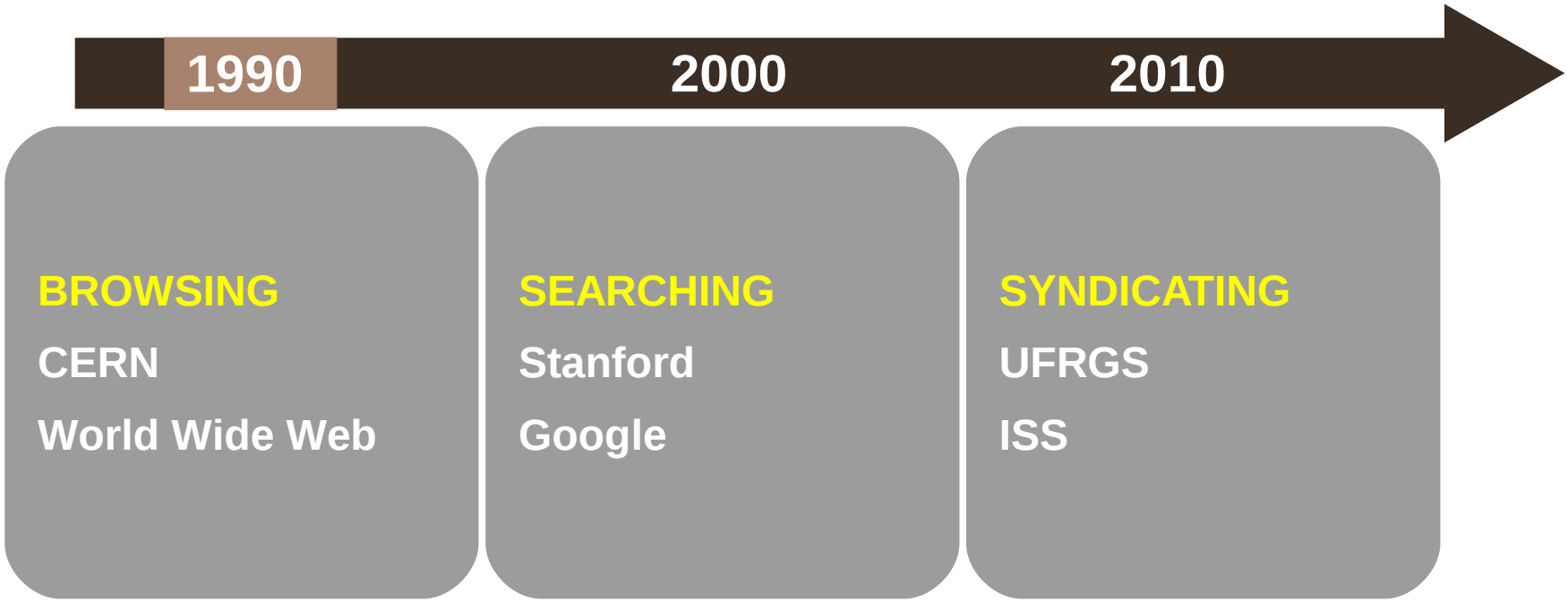
Background

- UFRGS University (Porto Alegre, Brazil)
- Knight Foundation (Knight Drupal Initiative)

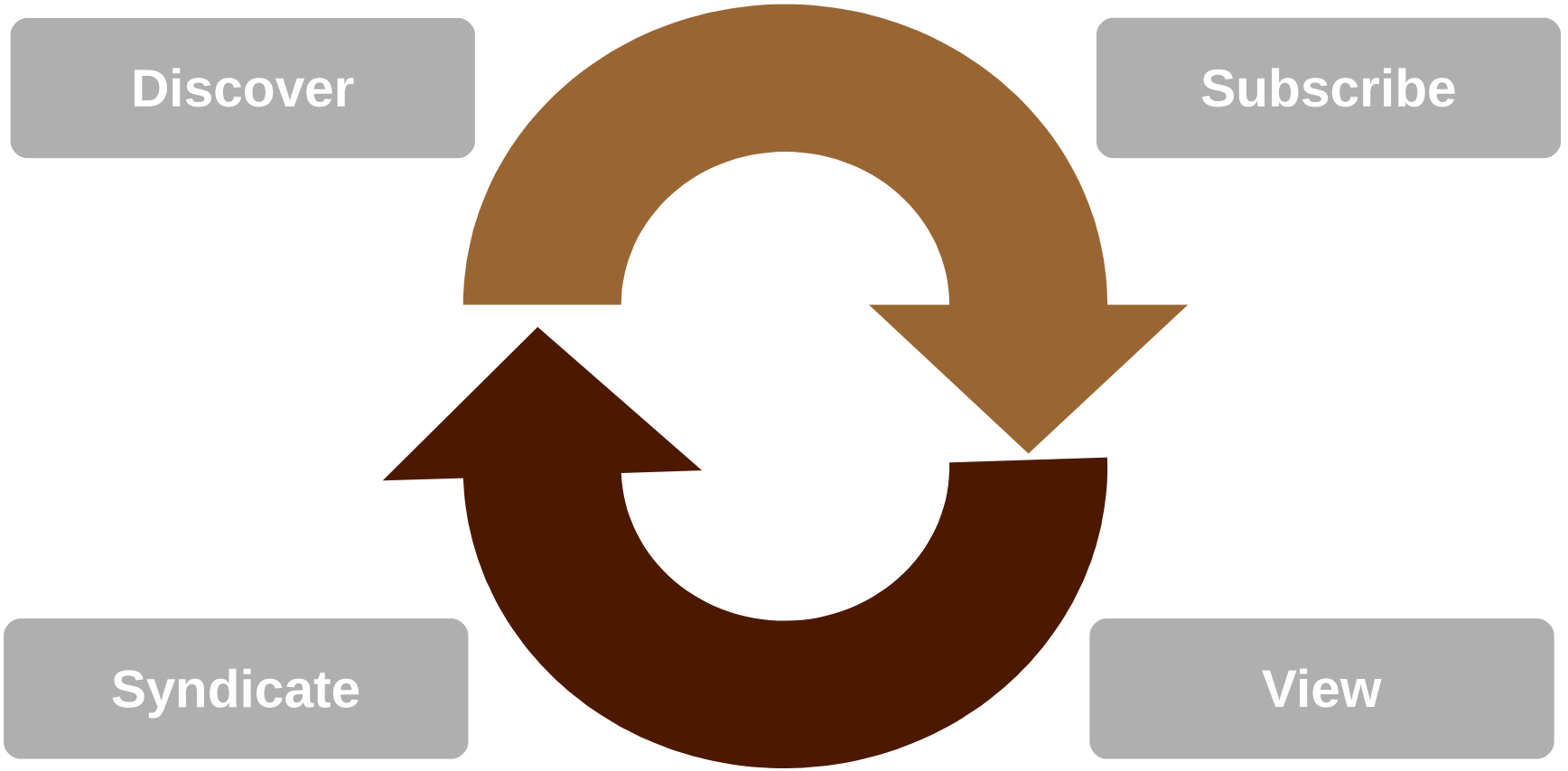
Information Flow



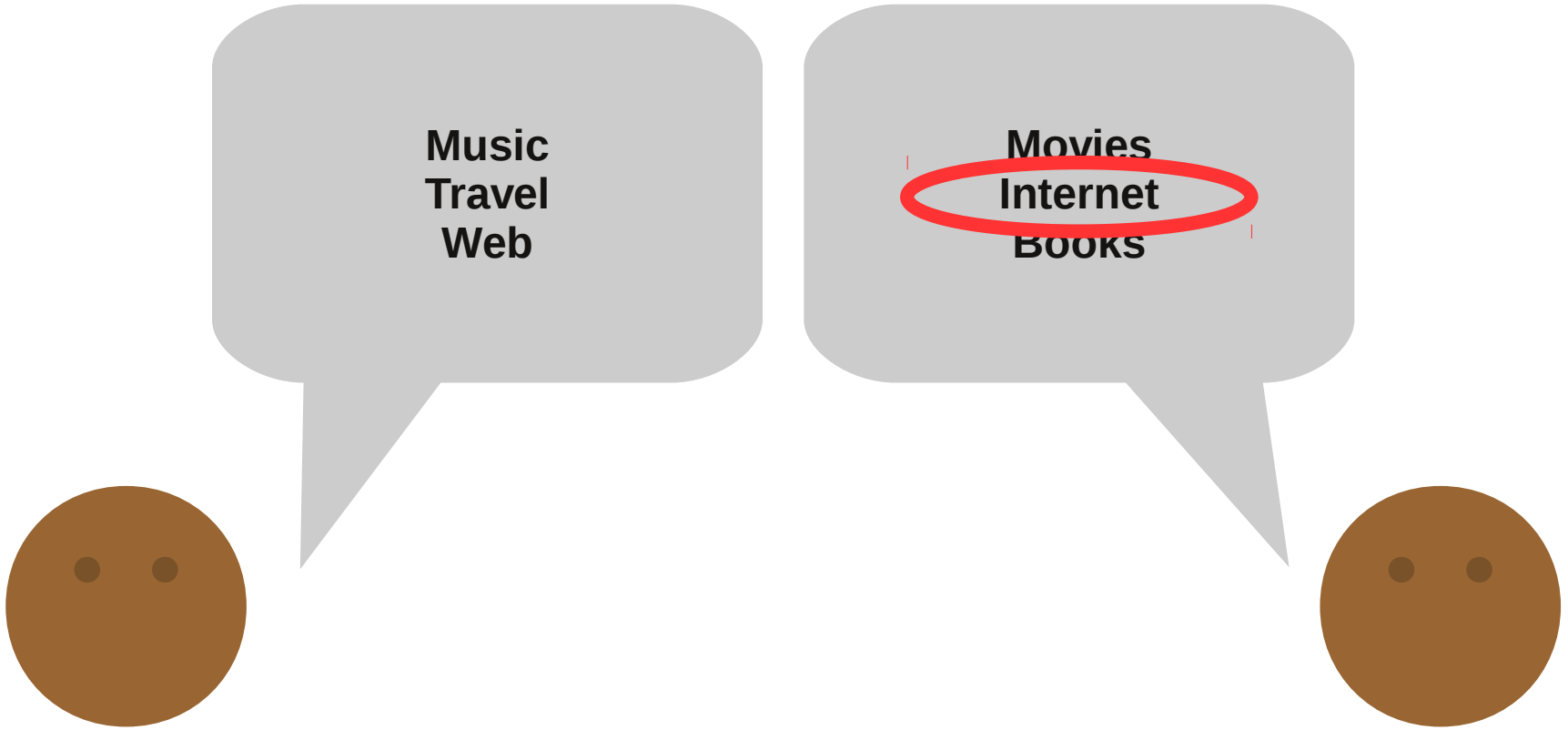
Timeline


1990
2000
2010
BROWSING
CERN
World Wide Web
SEARCHING
Stanford
Google
SYNDICATING
UFRGS
ISS

Instant Syndicating Standards

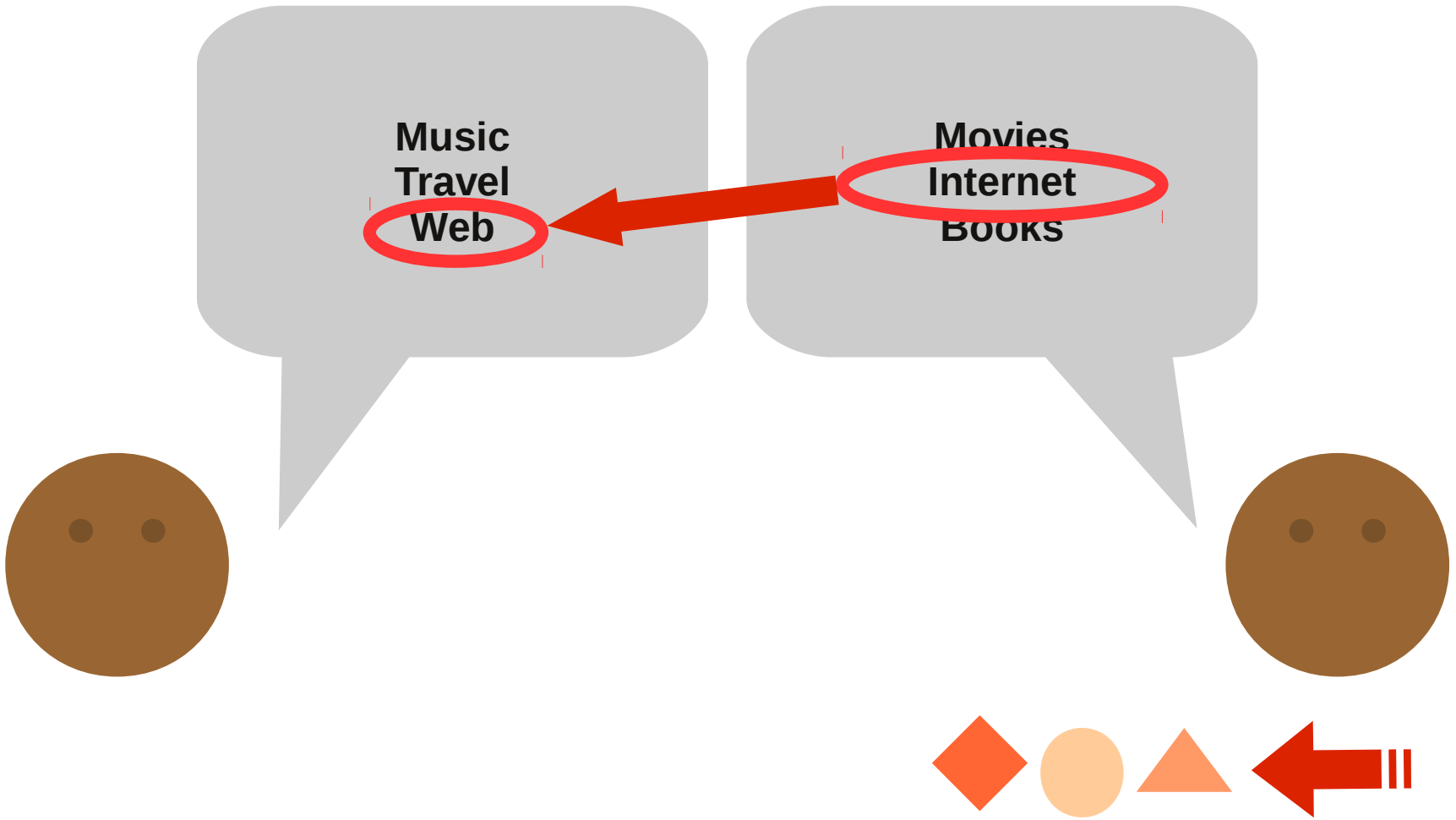


Discover

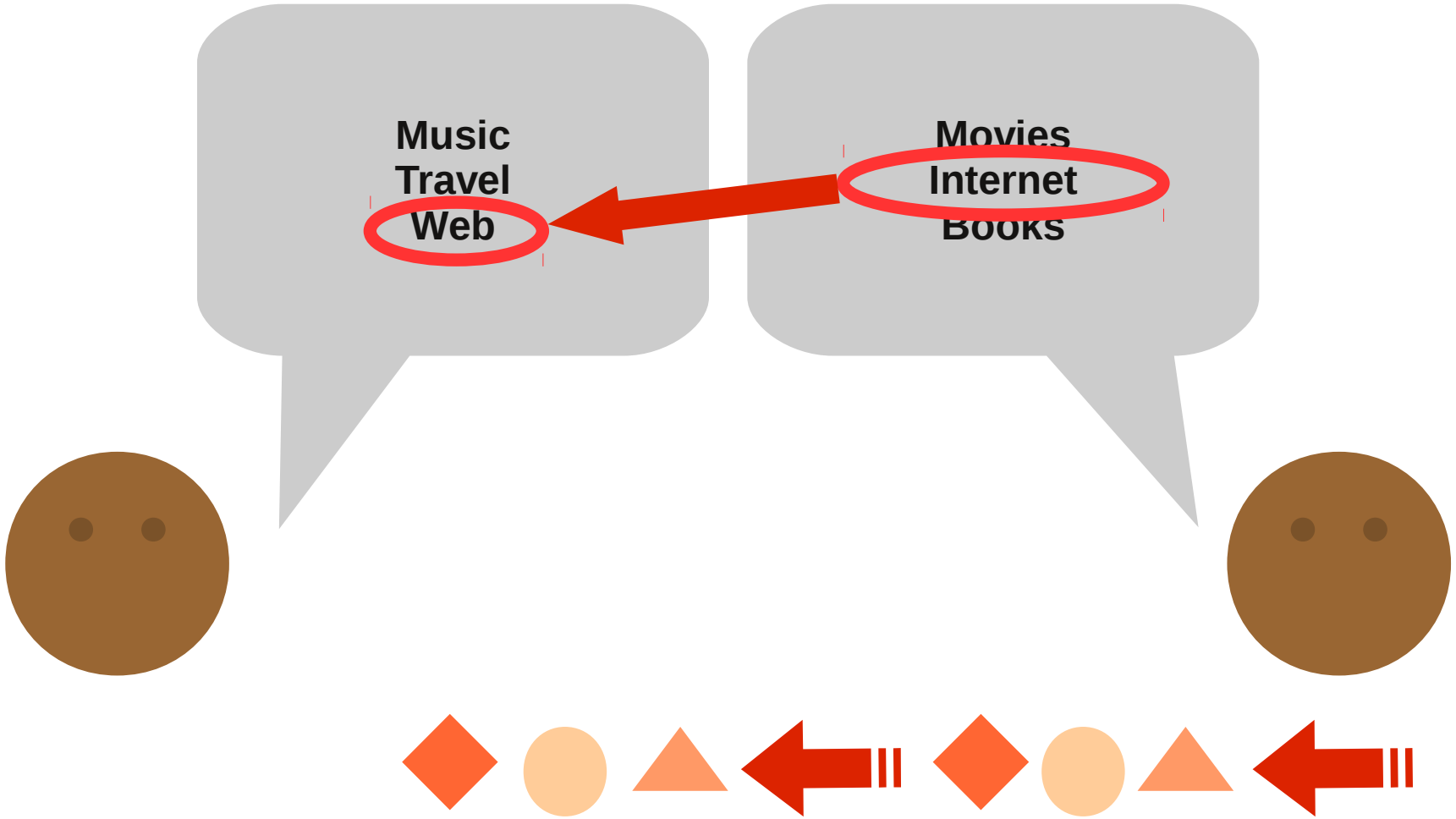


Subscribe

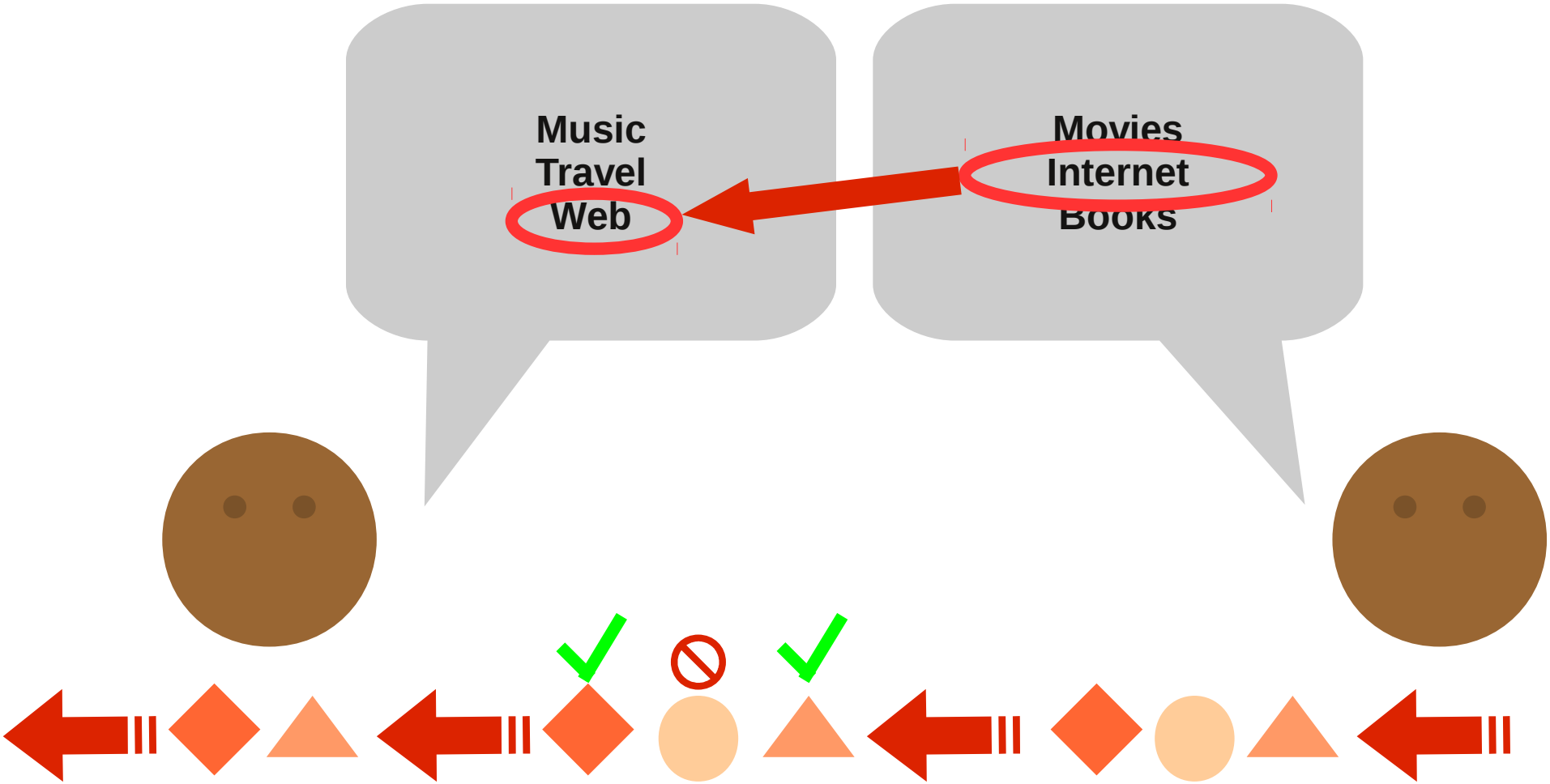
TagLink



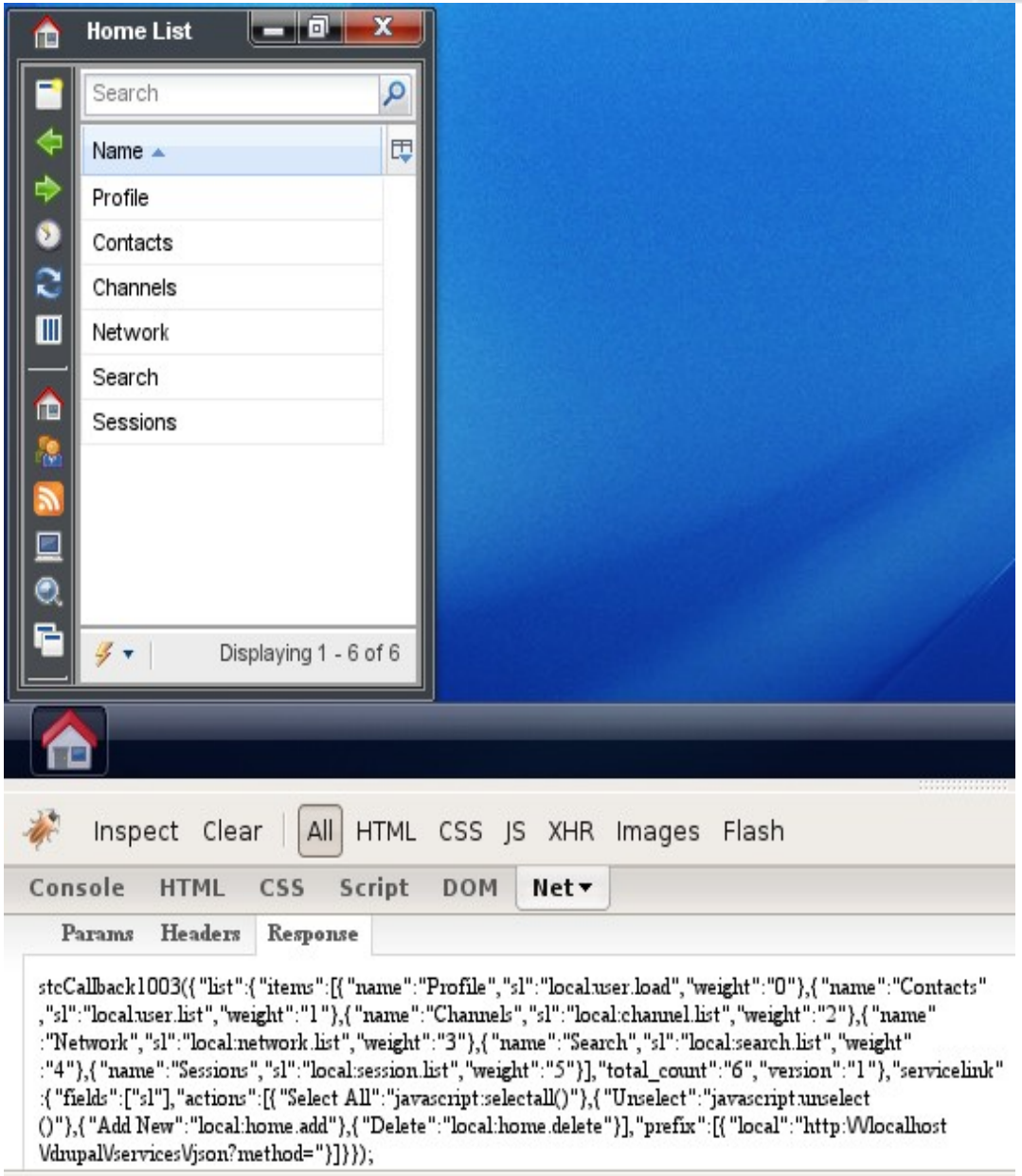
View

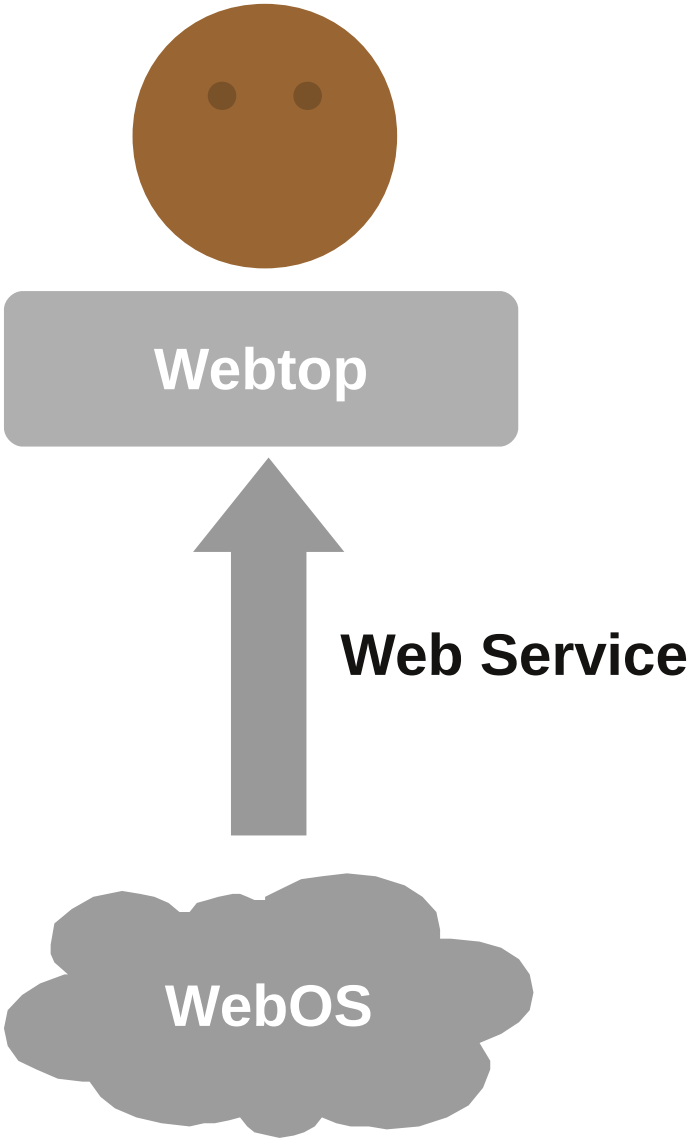


Syndicate

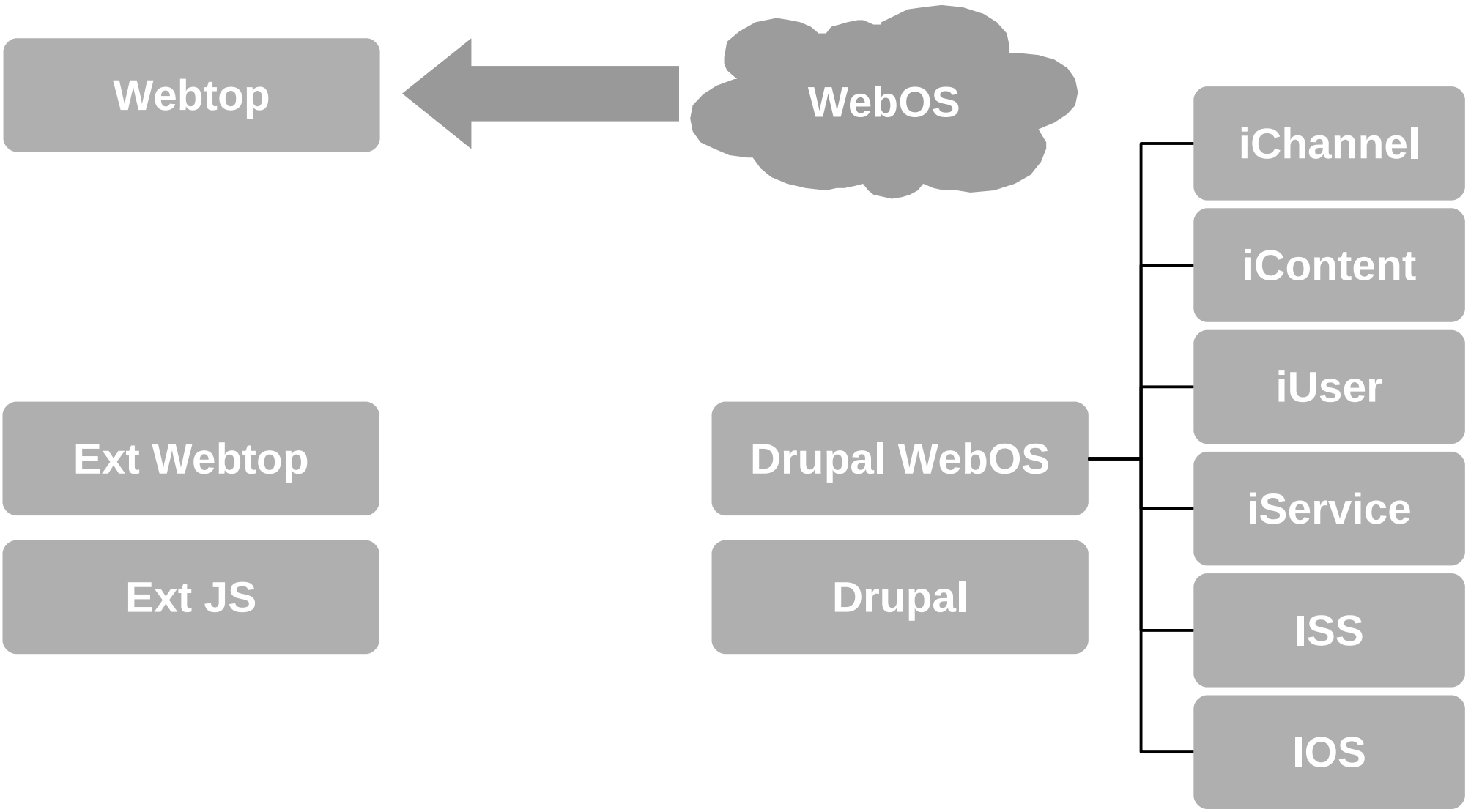


Architecture





Architecture



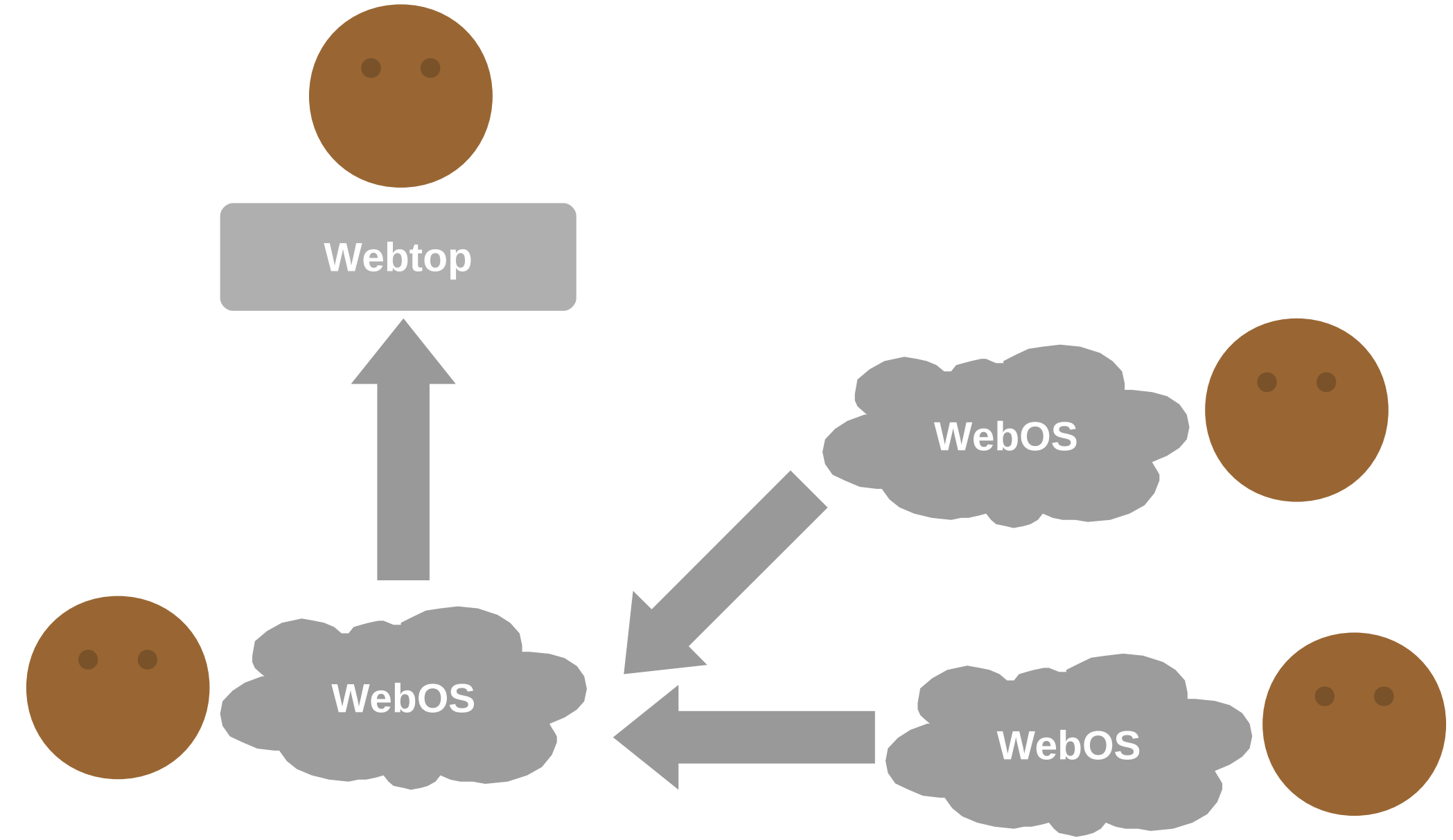
Architecture

- **iService**: Expose web services. Provide access across different networks securely;
- **iUser**: Register users. Assign Roles. Give permissions. Manage personal contacts lists;
- **iContent**: Create content with associated fields. Handle form display and validation;
- **iChannel**: Create channels and link them together. Aggregate and syndicate entries;

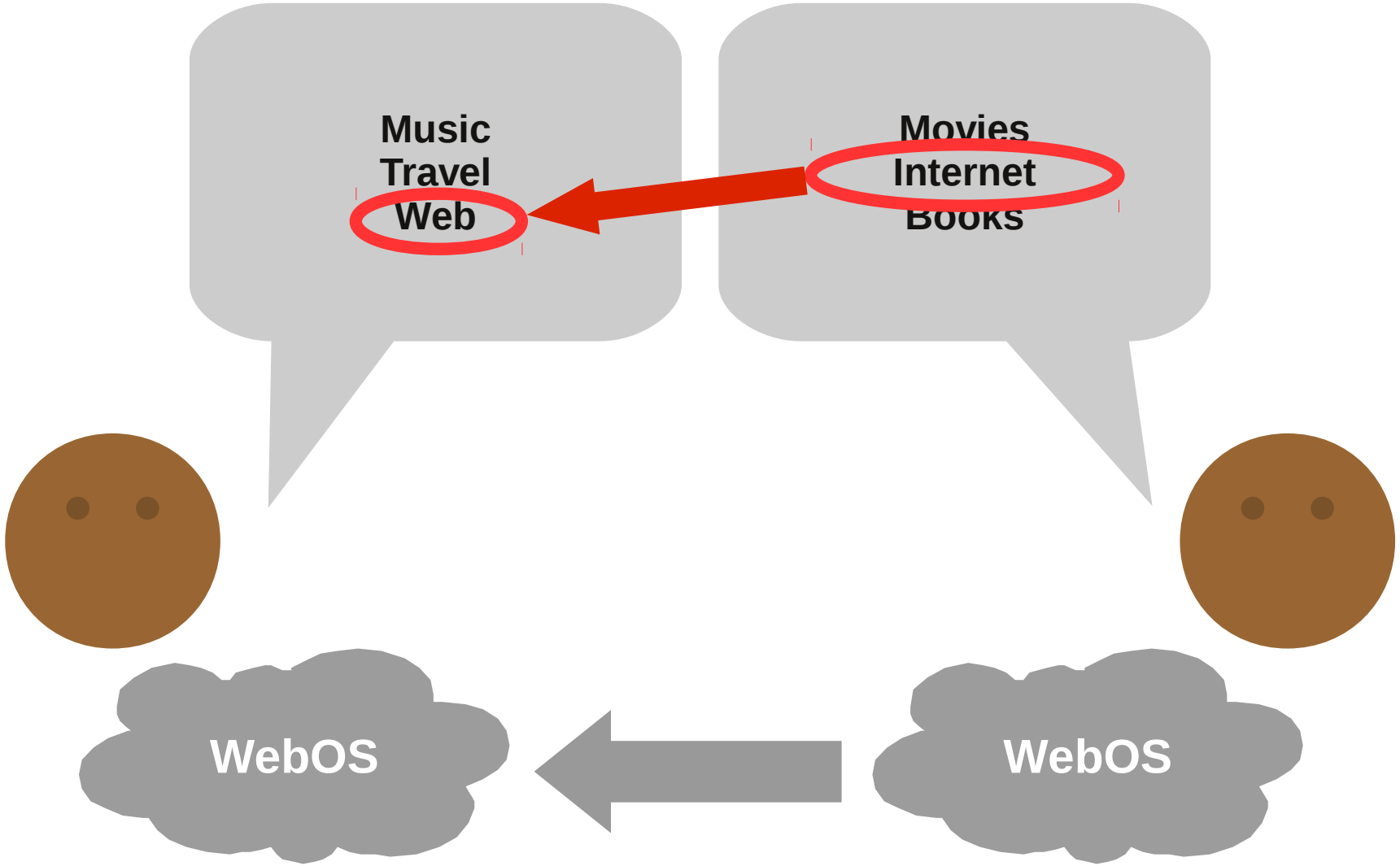
Architecture

- **iFile**: Store documents and files. Handle image, audio and video. Export file types;
- **iLanguage**: Provide localization. Translate strings and content to different languages;
- **iSearch**: Provide federated search results for both structured and unstructured data;
- **iSession**: Save and record sessions. Assist in providing instant sessions among users.

Architecture

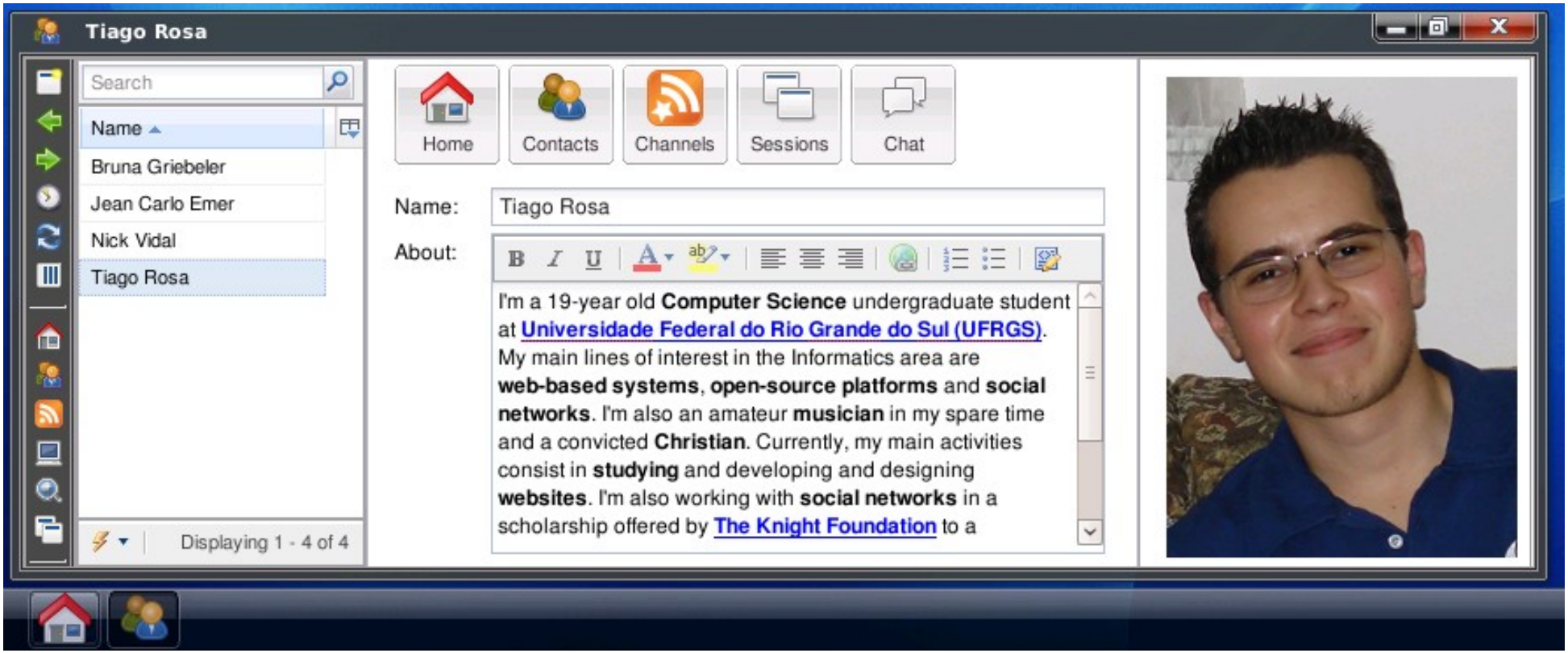


Architecture



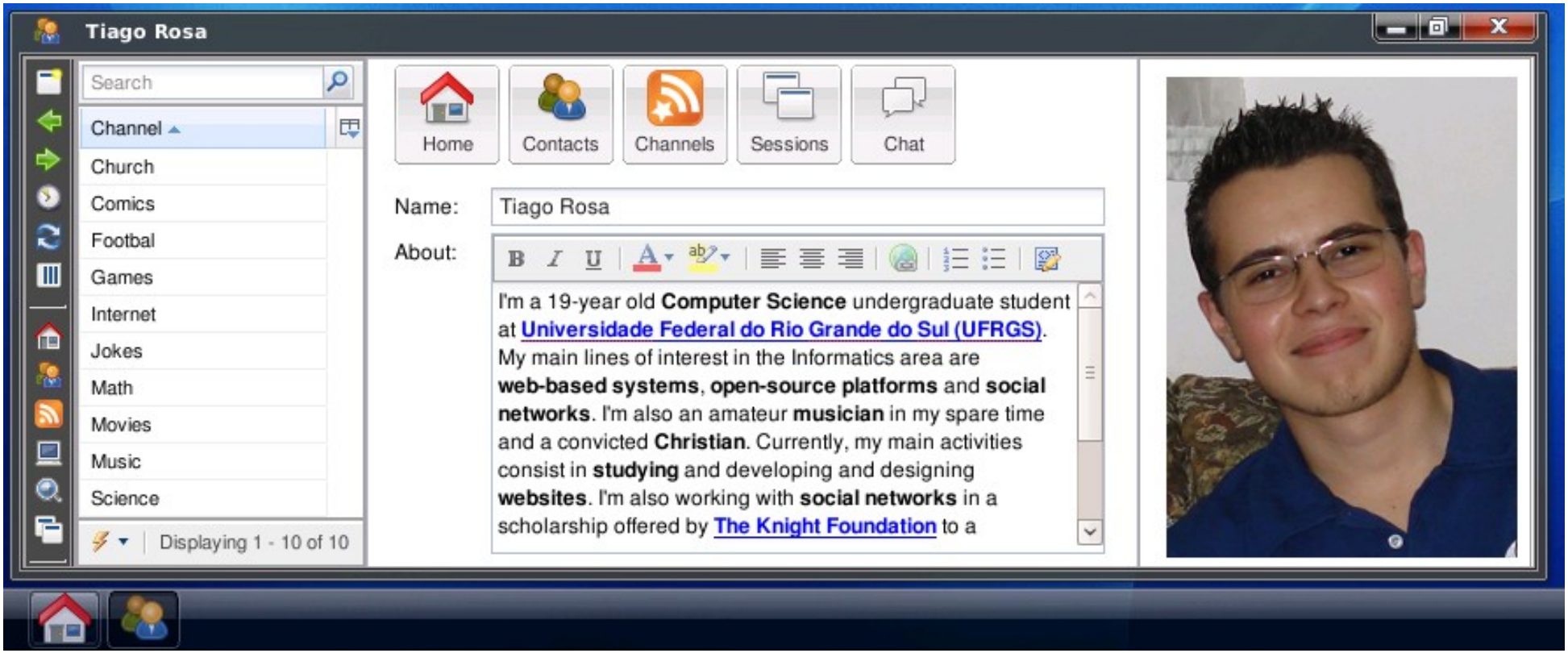
Discover

Tiago's Profile



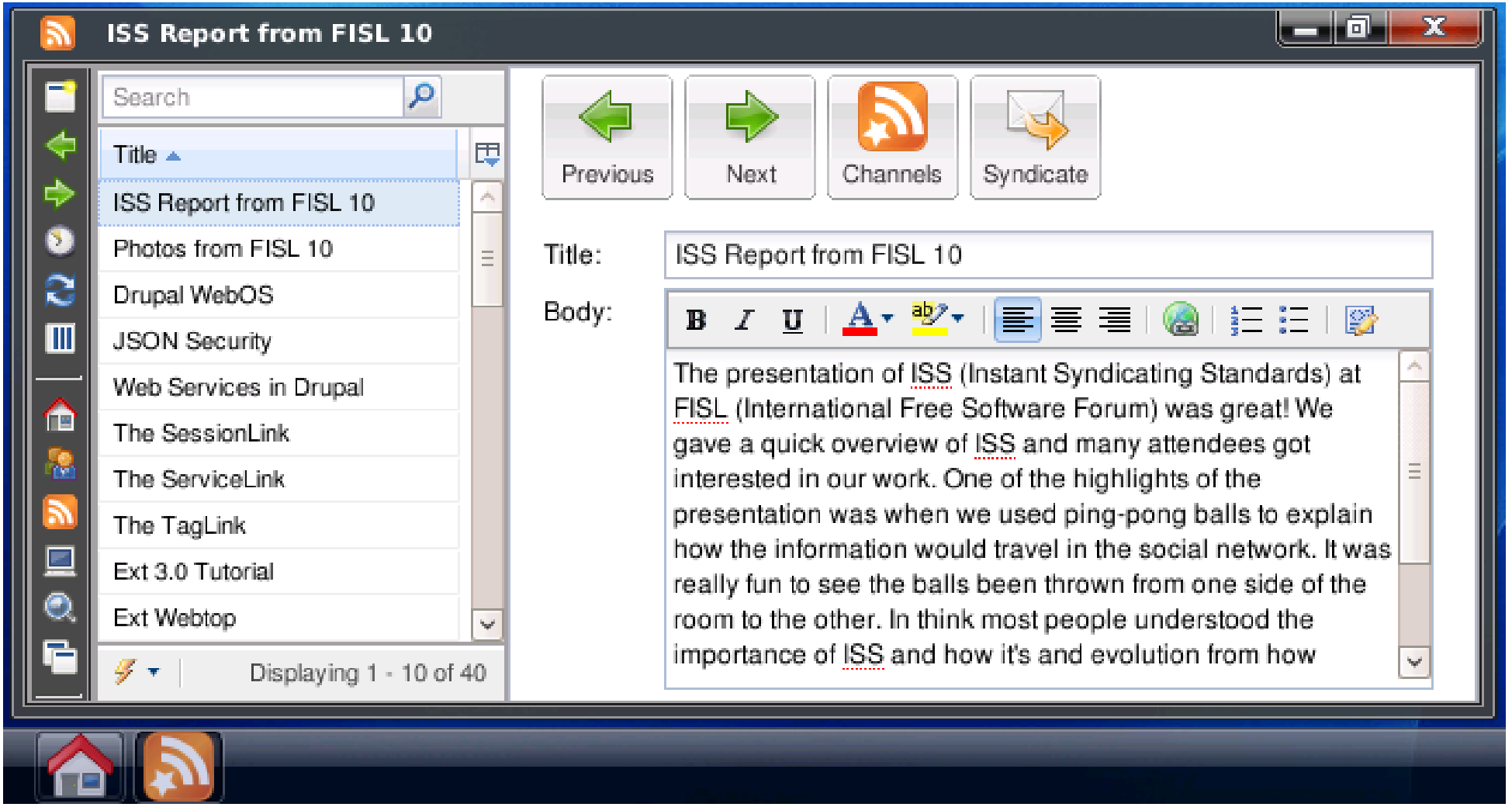
Discover

Tiago's Channels



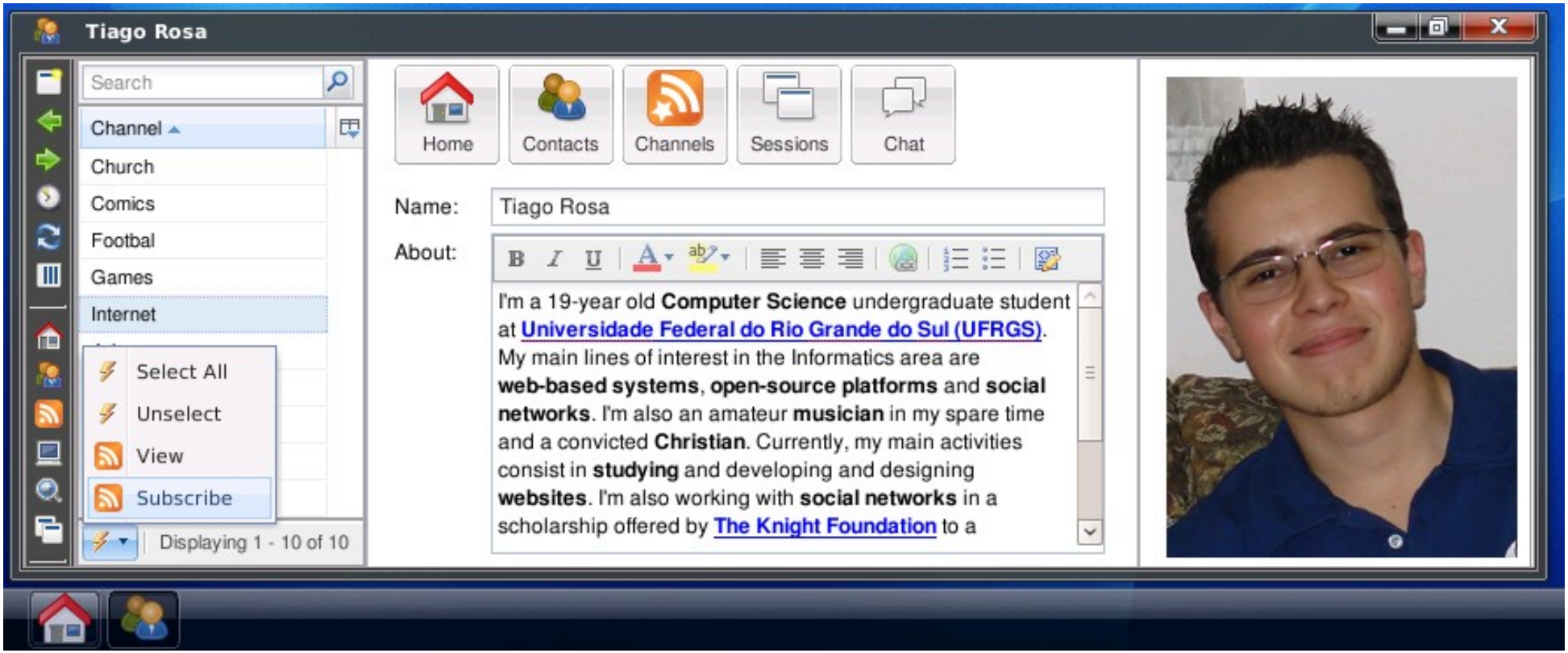
Discover

Tiago's Internet Channel



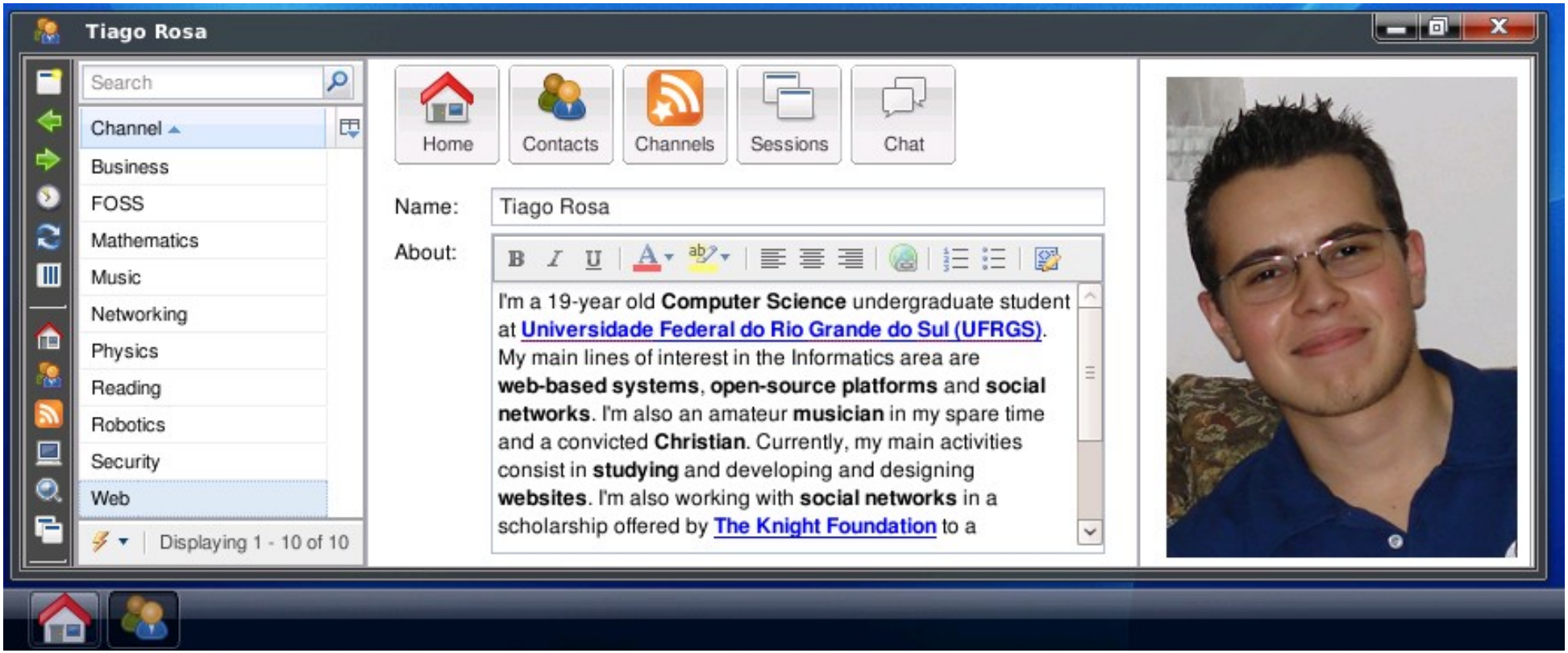
Subscribe

Subscribing to Tiago's Internet Channel



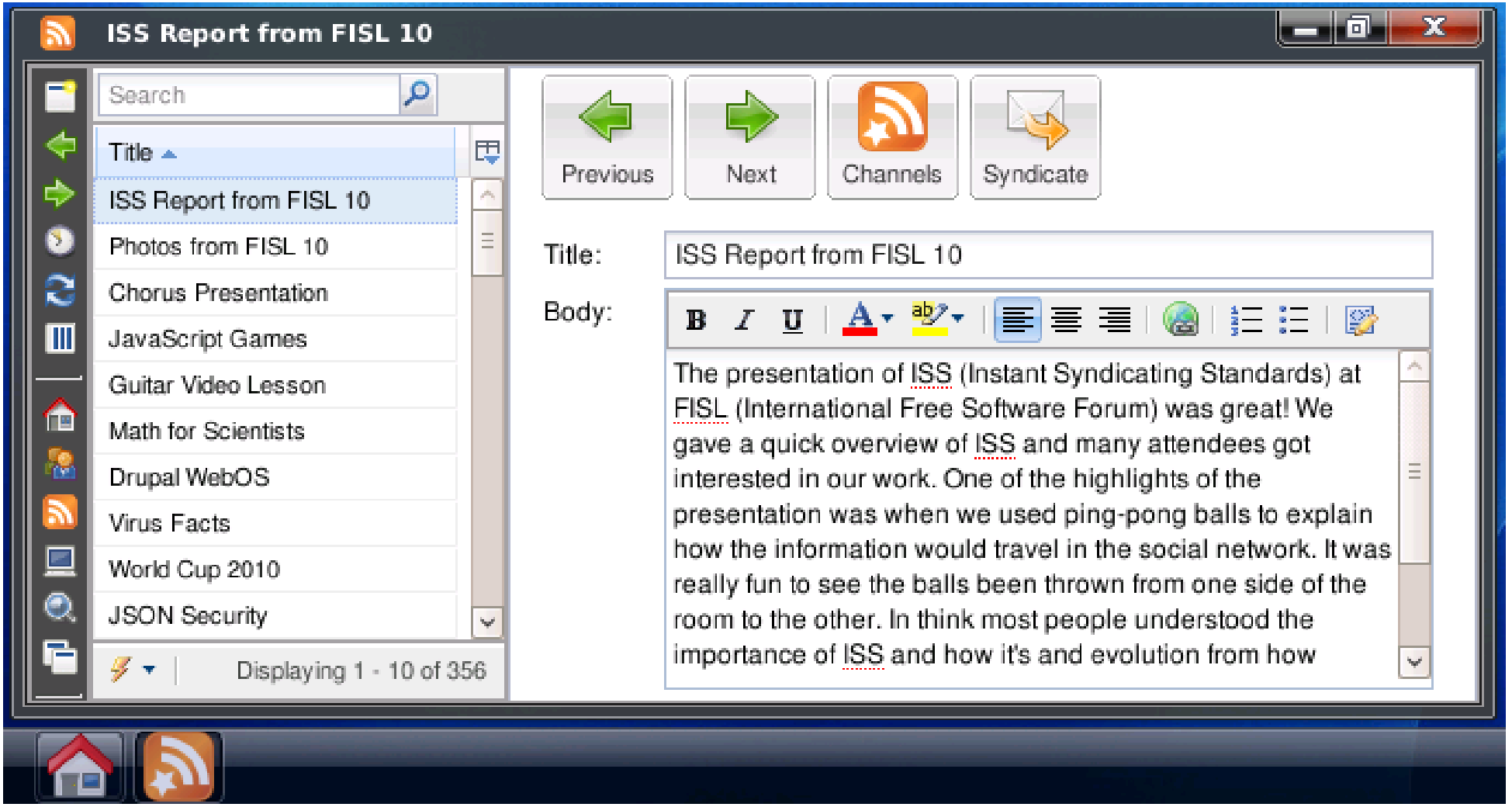
Subscribe

Taglinking Tiago's Internet channel to my Web channel



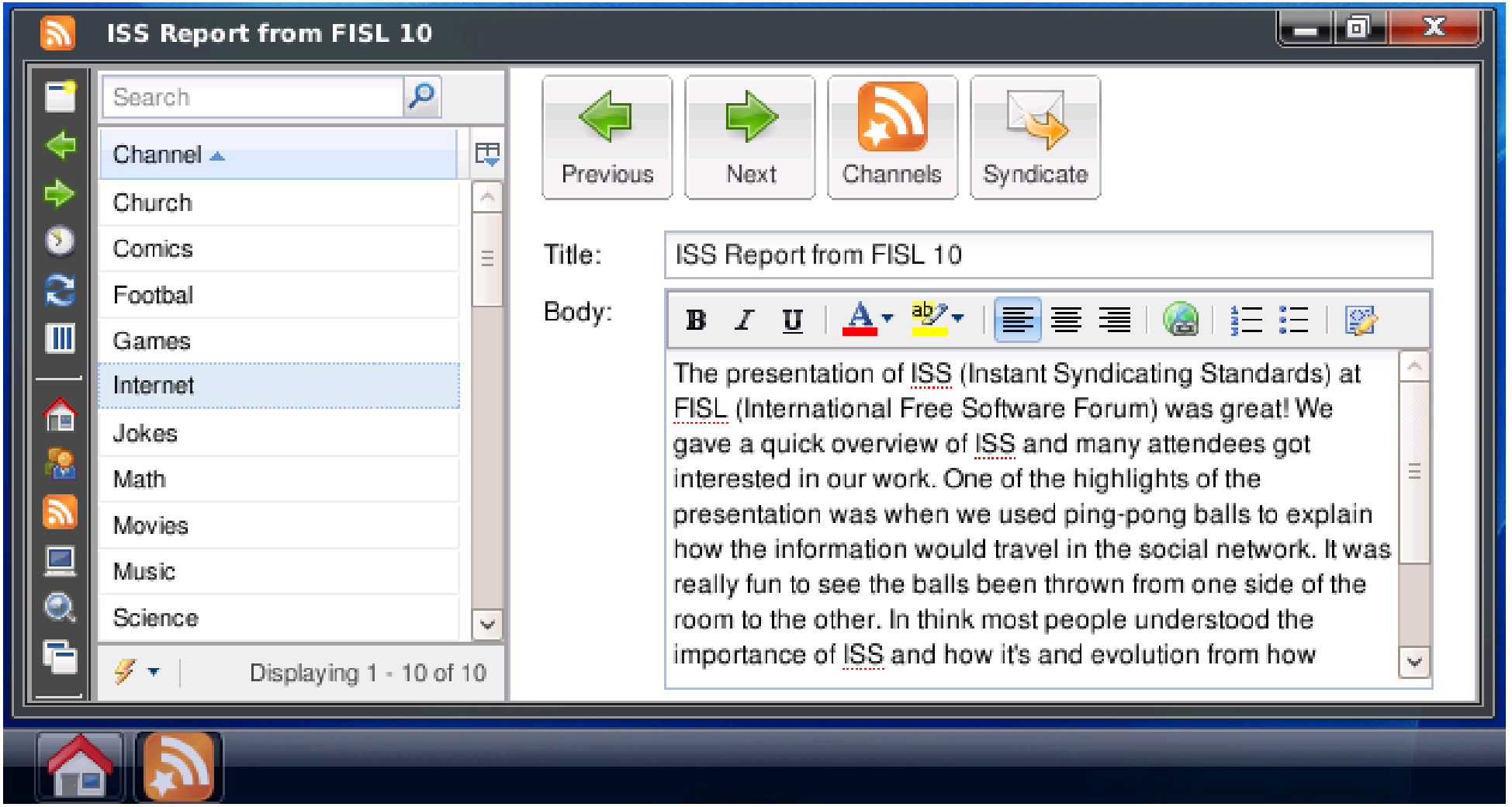
View

Tiago's Entries



Syndicate

Syndicating an Entry



Benefits

- **Personalization**: each user receives exactly what he/she wants based on subscriptions;
- **Quality**: friends and friends of friends filter the best information in a bottom-up manner;
- **Trust**: it's 100% spam/junk free since all information goes through friends' approval first;
- **Reach**: information propagates through the social network as long as it remains relevant.

Benefits

- Instant Syndicating Standards empowers each individual with a unique voice and an equal opportunity to contribute and benefit.

Roadmap

- Official Launch November 20th at:

- Drupal 7.0
- ExtJS 4.0

Sponsors

- GIMSCOP/UFRGS;
- PPGC/UFRGS;
- CAPES;
- Knight Foundation;
- Drupal Community;
- ExtJS Community.

Instant Syndicating Standards
http://iss.im