

I++: Interactive Galleries for Promoting Interactive Curiosities in Web Designs



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Problem statement

Designing interaction is a key aspect of web design. However, there is very **few options for web designers to look for inspiration regarding interactions**. Web design galleries, in particular, showcase inspirational websites for style and layout but usually present static screenshots of the home page that let interactions behind.

Our Contribution

In this work, we advocate for reinventing web design galerie to focus on explaining interactions. We introduce a 3-level representation of interactions and I++Gallery an online proof of concept to demonstrate it.

3-level presentation of Interaction

Static level

- Static representation allows to see where the interaction happens
- Storyboard allows to see the key steps of the interaction

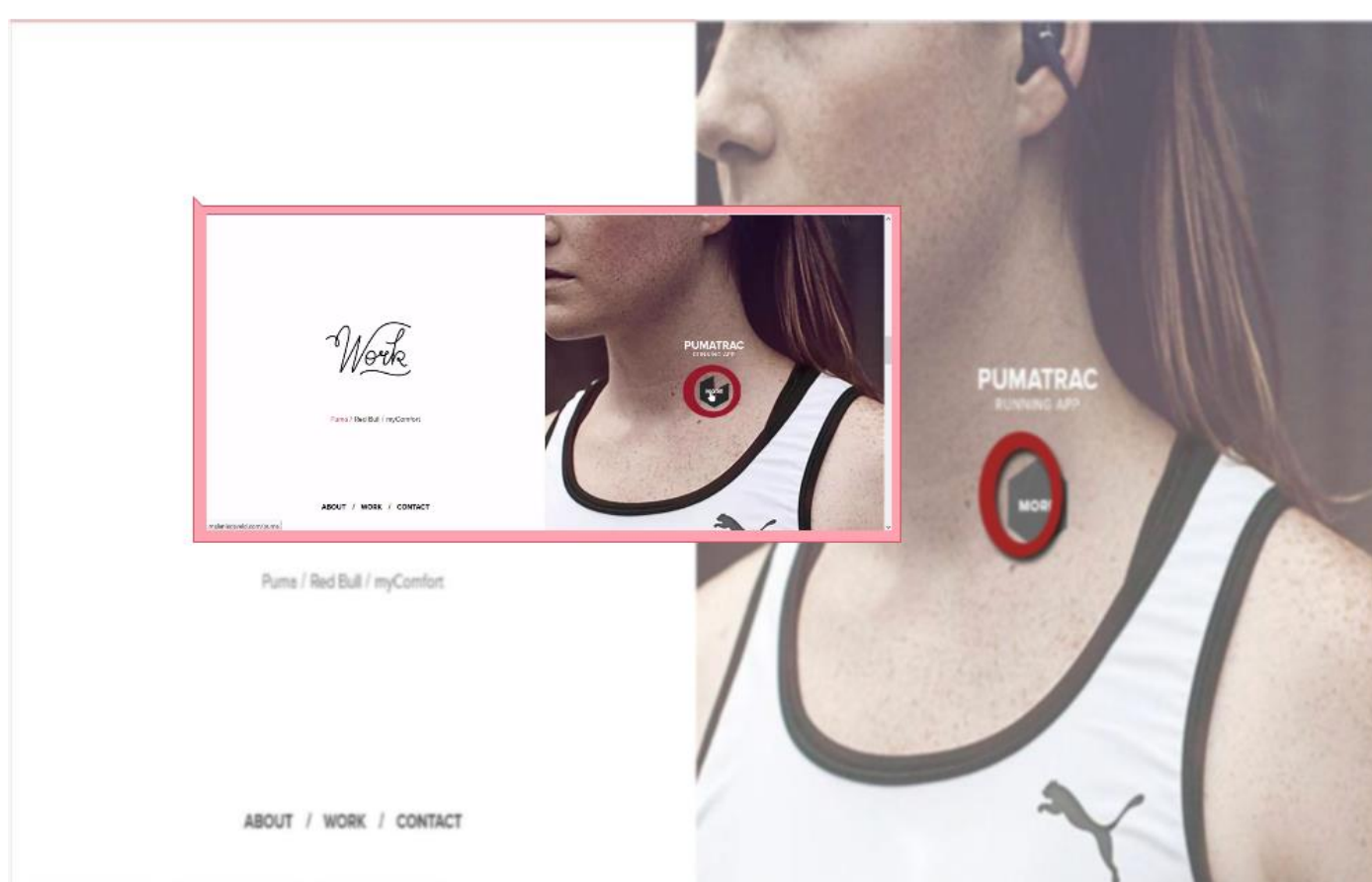


You can watch the video at
<https://youtu.be/KUHQHzCbvyl>
Or by scanning the QR Code



Temporal level

- Use of videos to show the interaction enriched with action sketch



You can watch the video at
<https://youtu.be/xHrj-WY6e0>
Or by scanning the QR Code



Experience level

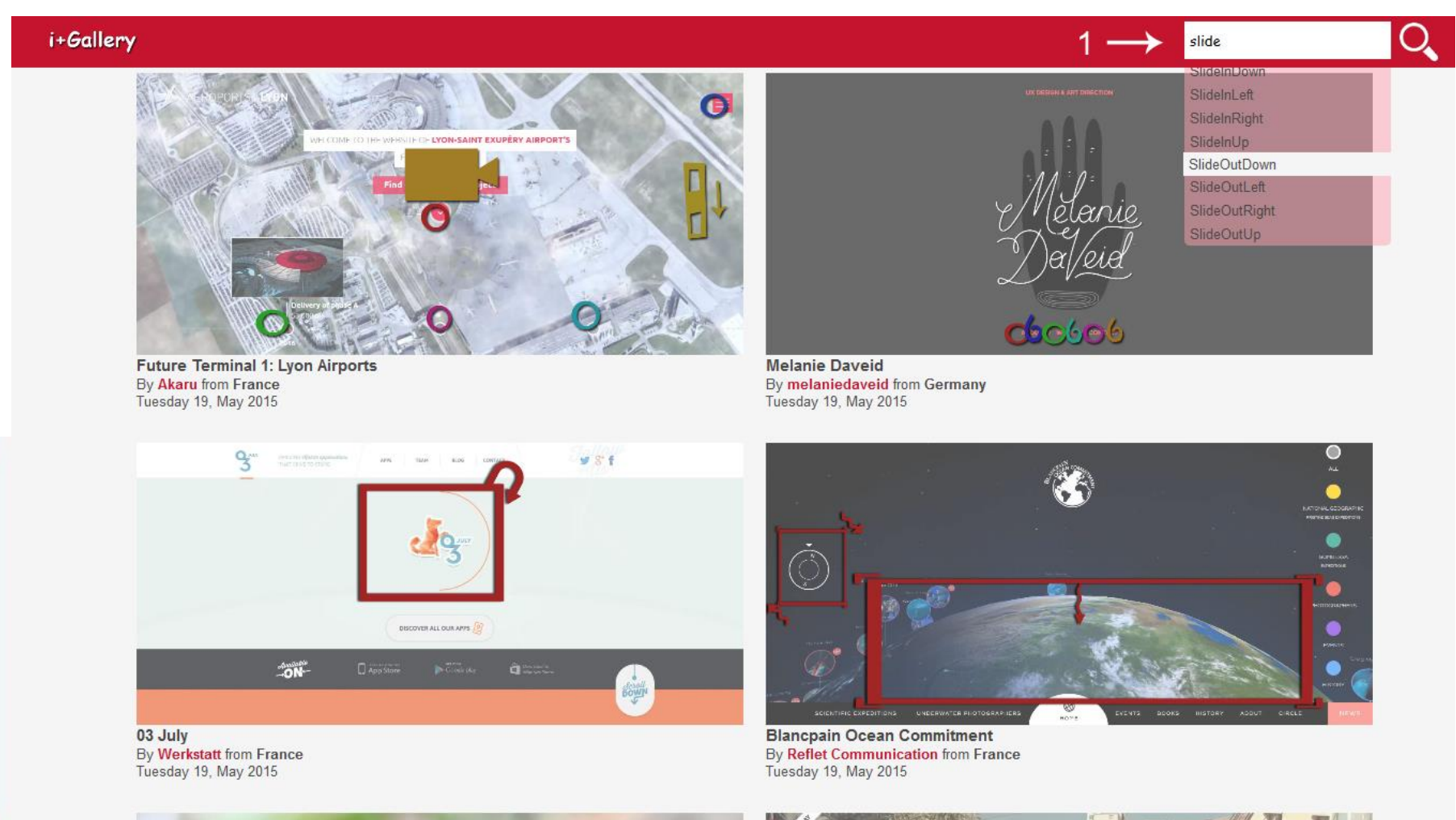
Watching interactions is not enough to understand the interaction
Interacting enables to feel the coupling between the user action and the system reactions.

Reference

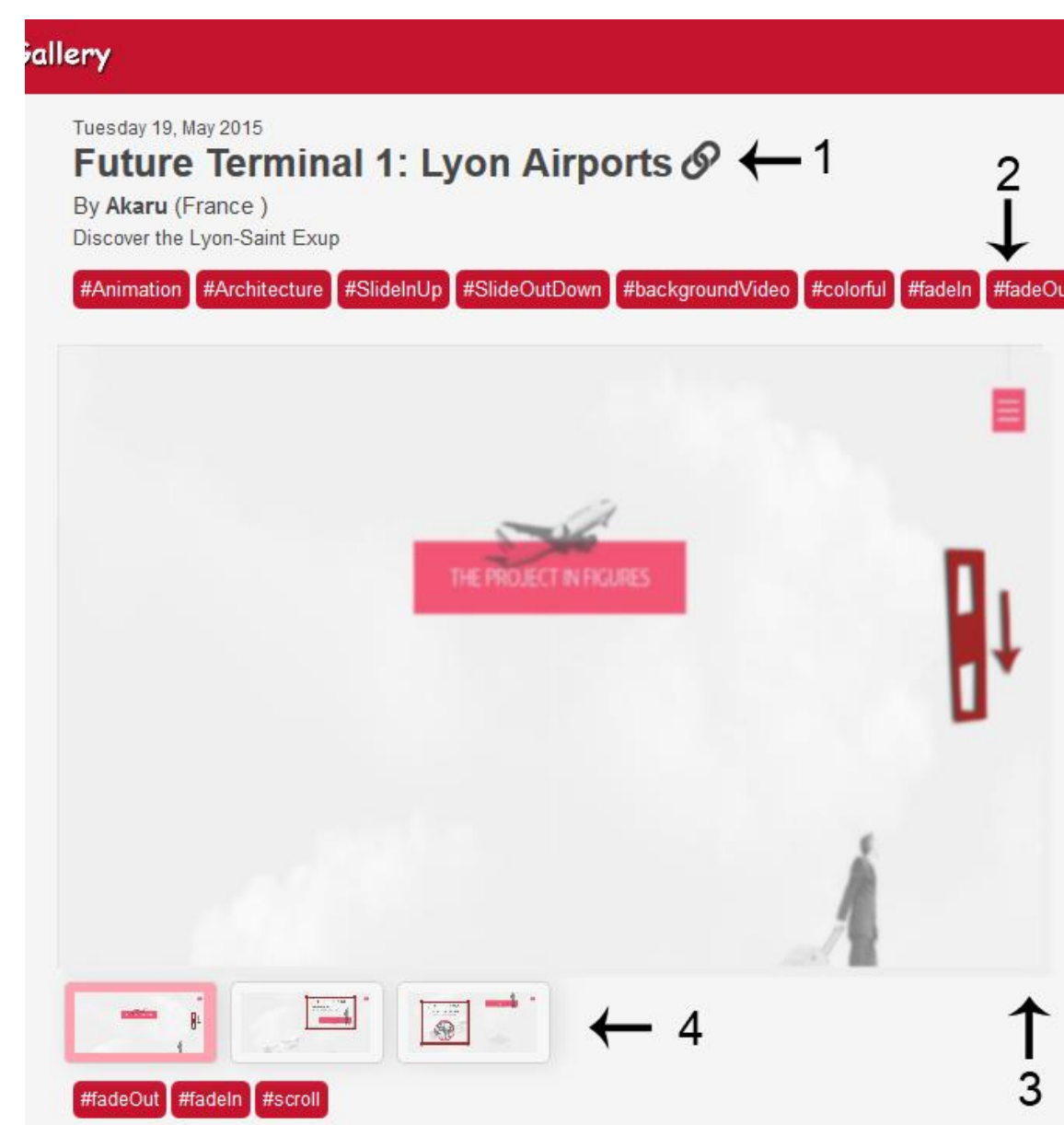
S. Peña Arrázola, D. Masson, A. Demeure, and G. Calvary, "I++ : Interactive Galleries for Promoting Interactive Curiosities in Web Designs," *BHCI*, no. 1, pp. 3–4.

Implementation: I++ Gallery

<http://curiosity.herokuapp.com/>



Home page from I++Gallery showing the 20 available websites. 1) Search field with autocomplete that allows users to search by text



You can watch the video at
<https://youtu.be/gfYp0qMhgEM>
Or by scanning the QR Code



Representation of an interaction in I++Gallery. 1) Link to visit the original website. 2) Clickable keywords. 3) Static representation of the interaction with a language of Symbols. 4) Storyboard.

In total we described 246 interactions over 20 websites. The websites were carefully selected from recent awarded websites for their innovative interactions.

We used 82 different keywords divided in three categories: Website category, Design features and Effects. We used these keywords a total of 587 times across the gallery. Here are the most used keywords by category along their number of occurrence in the gallery:

Website category: Business-Corporate(4), Web-Interactive(4), Promotional(3) and 9 others,

Design features: Music-Sound(23), Scroll(21), Video(21), and 21 others,

Effects: Fadein(37), Animation(32), FadeOut(27) and 43 others.