Lash-Ups
A Toolkit for Location-Aware Mash-Ups
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Using A Lash-Up
1. Click
   - Open the Lash-Up Client on the mobile phone
2. Read
   - Peruse the list of location-relevant Lash-Ups
3. Select
   - Choose the most relevant Lash-Up

System Architecture
- Lash-Up Server
- Lash-Up Applications
- Web Content

Why Lash-Ups?
Lash-Ups make sense for four primary reasons:
- Location-aware computing is more likely to succeed through a killer ecology of many small applications rather than a few large applications.
- These applications need to be kept up to date, which is more manageable in a user-supported development community.
- Many applications simply consist of providing pre-existing information in a useful location, which matches the mash-up paradigm perfectly.
- Web delivery of applications is straightforward and ubiquitous, and the programming model is familiar to a large number of programmers.

What Are Lash-Ups?
Lash-Ups are location-aware mash-ups of web content for mobile devices.
The Lash-Up Toolkit makes writing Lash-Ups easy by providing:
- An API that makes it easy for programmers to integrate a user’s location information into a Lash-Up
- A common distribution method that makes it simple for users to find and access Lash-Ups relevant to their location

Programming A Lash-Up
1. Find
   - Locate web services to use in the Lash-Up
2. Code
   - Write a few lines of code using the Lash-Up API to glue content together with location information
3. Register
   - Tell the Lash-Up Server about the new Lash-Up and specify the locations where the Lash-Up is useful
4. Tag
   - Use a cell phone to tag places with location information (or, rely on a community of users to do this for you)

Hacking the Long Tail
Commercial development efforts typically target a few large applications with a large user base. Instead, we suggest that location-aware computing is more likely to succeed through a large number of small applications targeted at specific locations and tasks.

http://hci.stanford.edu/lash-ups
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