Google Wave and the Enterprise Environment

Gregory D'Alesandre, Alan Green, Kris Muller
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Overview

- Why Google Wave in an Enterprise?
- What have businesses been doing with Wave?
- How can you improve your Wave experience?

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Google Wave - Get stuff done with groups of people

A wave is equal parts conversation and document

Simple Sharing Model
Reply Anywhere
Live Editing
Custom Extensions
“We have achieved major time savings and greatly accelerated productivity by utilizing Wave. We’re excited to grow alongside the Wave platform and to contribute insights back to Google so they can consistently make Wave more excellent for teams like us.”

Mehrdad Baghai, Deloitte As One Flagship co-leader
Why Google Wave in an Enterprise?

- Google Wave is about collaboration
- Most collaboration happens in small groups
- Current tools are the most broken in small groups
- Enterprises are full of small groups
- Every Enterprise is different
- Google Wave extensions allow for a tailored experience
What have businesses been doing with Wave?

- Campaign Coordination
- Writing Code
- Project Management
- Creative Writing
- Month End Summaries
- Task Tracking
- Release Management
What have businesses been doing in Wave?

- People working together in semi-formal processes
- Combine structured with unstructured information all in one place
How can you improve your Wave experience?

**Acme Wave!**

- (Fictional) 200 Person software company
- They have a half-time release manager who takes care of their whole release process
- Their excellent product (AcmePro) includes the following components:
  - Website
  - Backend
  - Client
  - Database
How can you improve your Wave experience?

Step 0: Use Google Wave

- Track the status of each release through Wave
- Developers individually update build status
- Email notifications keeps everyone updated
- All the builds can be listed and easily accessed
How can you improve your Wave experience?

Step 1: Augment existing communications

- Robots are automated participants that do almost anything a person can do
- For instance, find references in a wave and link to internal systems

![Launch Checklist](image)
How can you improve your Wave experience?

Step 1: Write a Simple Robot
How can you improve your Wave experience?

Step 2: Supporting structured interactions

- Gadgets are real-time interactive representations of non-text based information, aka pretty pictures
- For instance, Roster Gadget
How can you improve your Wave experience?

Step 2: Write a gadget

gadget=releaseroster.xml
{
    coord = alang@wave-demos.com
    status = "Live"
}
How can you improve your Wave experience?

**Step 3: Semi-structured process automation**

- Since robots can do many things a person can do, they can keep things organized.
- For instance, a release process.
How can you improve your Wave experience?

**Step 3: Semi-structured process automation**

- Since robots can do many things a person can do, they can keep things organized.
- For instance, a release process.
How can you improve your Wave experience?

Step 3: Have a robot manage waves

1. HTTP POST
2. Read/Write local data
3. Response
   - Update and Create multiple waves
How can you improve your Wave experience?

**Step 4: Integrate with existing systems**

- Robots can also transfer information from your corporate systems
- For instance, update status information
How can you improve your Wave experience?

**Step 4: Robot incorporates live data**

1. HTTP POST of updated data
2. Read/Write local data
3. HTTP POST - Update waves
How can you improve your Wave experience?

**Step 5: Integrate with 3rd party systems**

- Numerous 3rd party developers working on Google Wave extensions
- salesforce

![Diagram showing integration with 3rd party systems](image)
Q&A

Mr Release code available at: http://code.google.com/p/mr-release

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