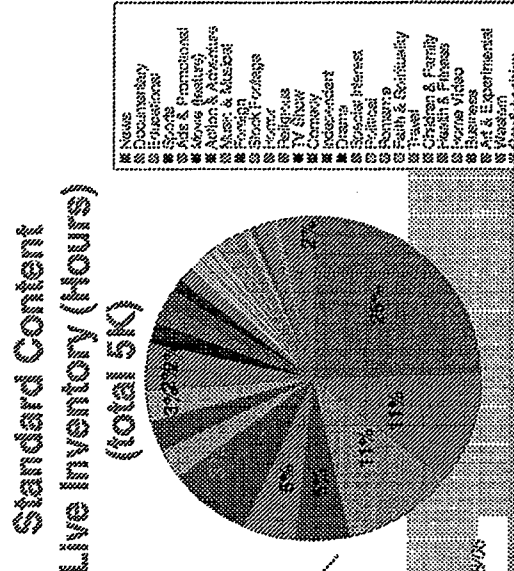
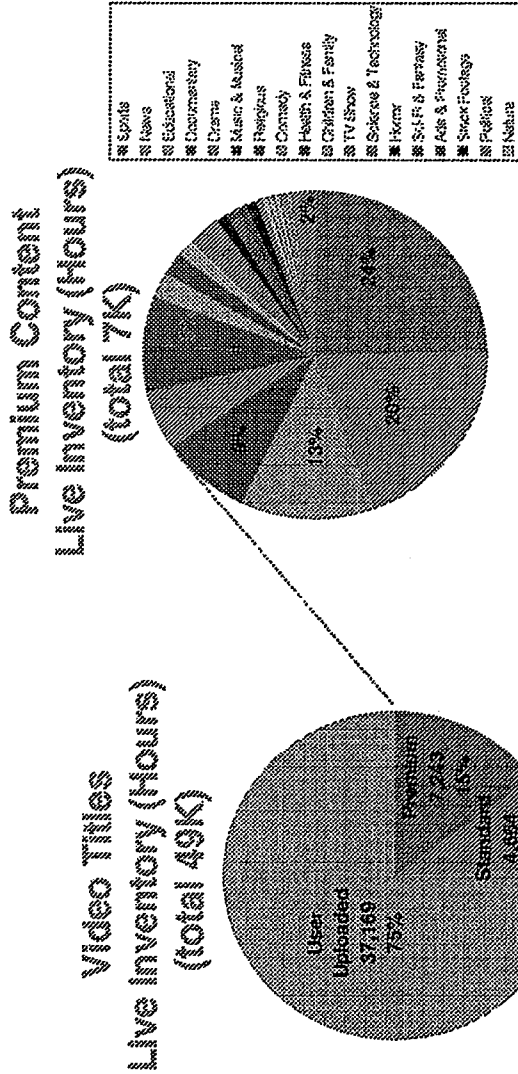


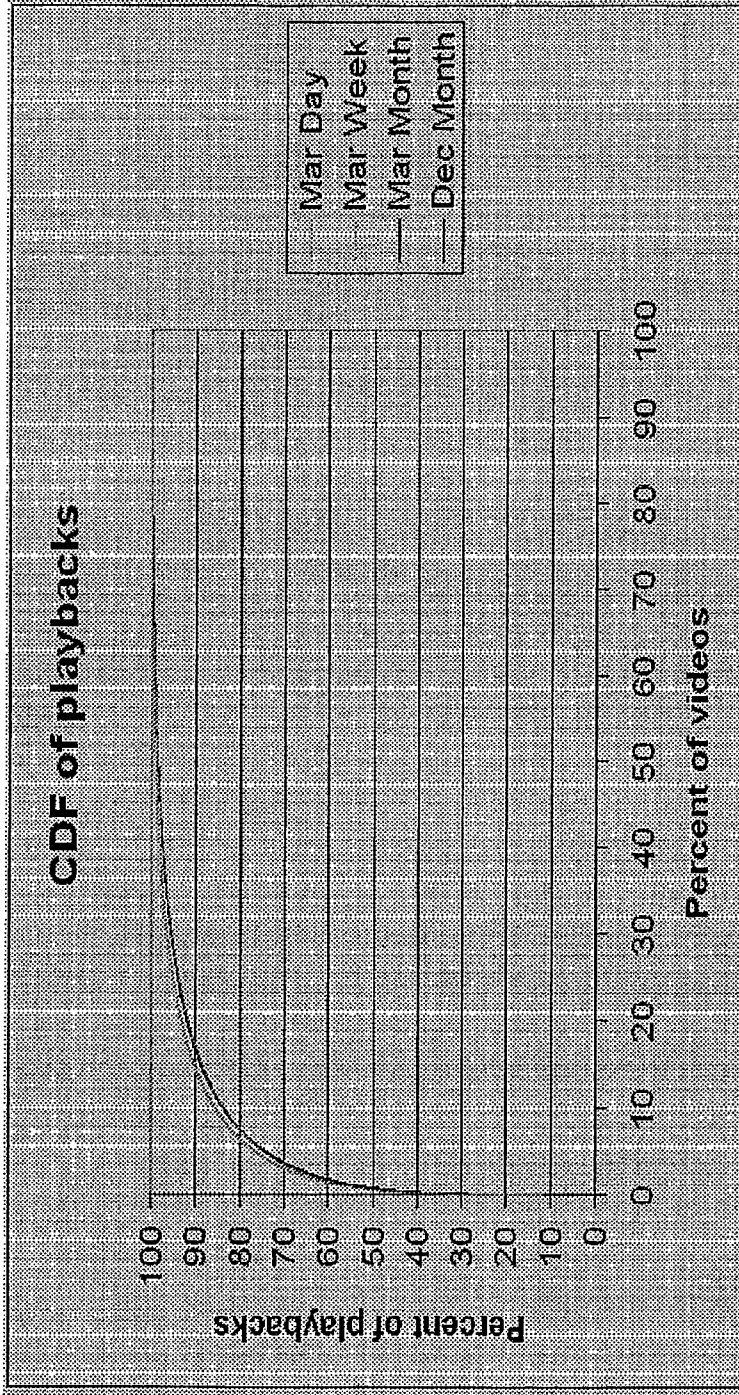
News, sports, educational and documentary videos make up the majority of partner content by duration



Sources: Content stats from VSPDB, Traffic stats from VCSDB - 03/08/08



Usage data indicates that it is not the sheer number of video titles that drives playback, but the quality of videos



Files	Playbacks	Files	Playbacks
Top 10 videos	8.5%	Top 10% of videos	83%
Top 20 videos	10.8%	Top 20% of videos	92%



## How is Google Video doing?

- YouTube is getting more traffic and engagement than Google Video today. In March 2006\*\*:



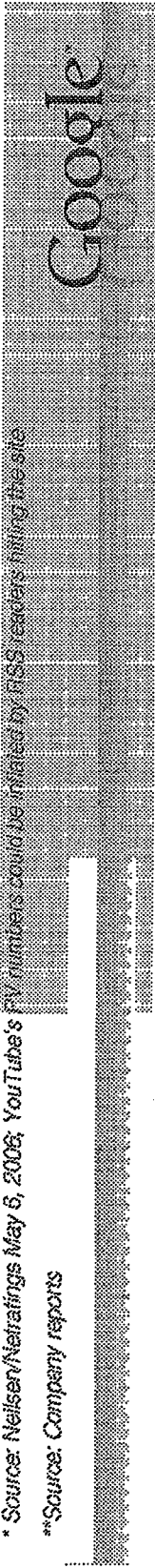
Visitors*	12.8 million	7.9 million
Page Views*	486 million	81 million
Duration*	20m53s	8m40s
Uploads**	1 million	120,000

- Qualitative research in 4 countries reveals the reasons behind this:

- YouTube is designed around the viral video experience. It is clear what the site is about, it promotes uploading, and it makes it easy to browse video categories
- YouTube promotes its viral and community features above all else
- YouTube's content is all free, and much of it is highly sought after pirated clips

\* Source: Nielsen/Netratings May 6, 2006; YouTube's PV numbers could be inflated by RSS readers hitting the site

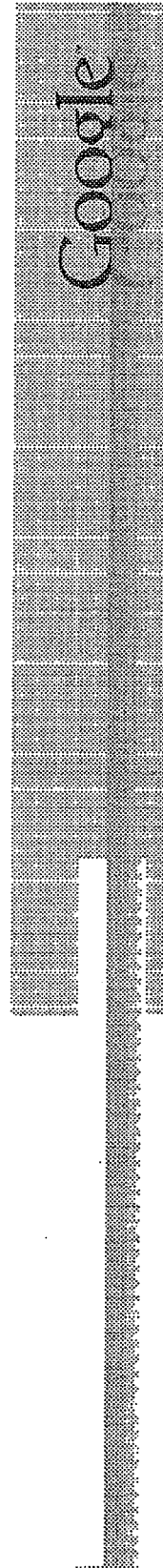
\*\*Source: Company reports



## How has International usage differed? What are the learnings?

International: We have to avoid being US-centric since more usage comes from outside the US, where there are big differences in taste and consumption across different countries

- 63% of our playbacks and 40% of our uploads come from outside the US
- Large fraction of videos have large majority of playbacks from a single country (Potential takeaway: different videos resonate in different countries)
- Playback and support for premium vs. user-generated content varies significantly across different countries (Germany vs. Spain)
- Most of the non-US top videos have titles/descriptions not legible in English
- Top videos in non-US countries typically don't get big US viewership

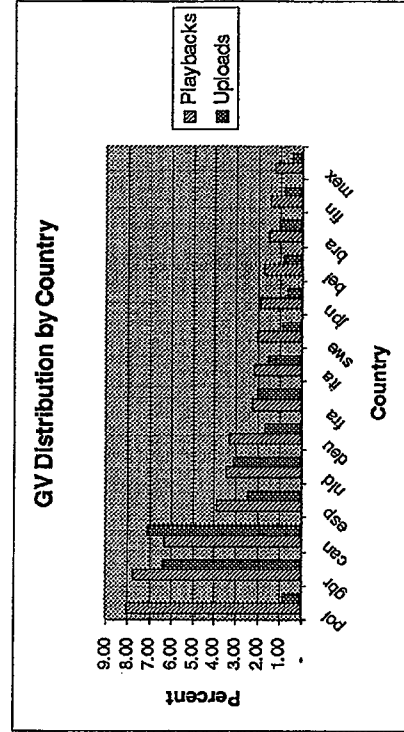


## Google Video internationally

- Europe lags the US in internet video usage, but is quickly catching up. No site has yet built a pan-European presence
  - Google Video receives 30% of playbacks from top 7 EU countries
  - Qualitative research reveals interest in premium content varies by country. People in countries with lower internet video usage (Germany, France) tend to seek premium over user-generated content
- Google Video became an "international product," even before localized versions were launched
  - 63% of playbacks and 40% of uploads come from outside the US today
  - GV's top 10 countries are all western countries. This could be because our uploader and indexing does not fully support CJK characters yet

	Number of internet users (millions)	Internet users who use video 1x/month (%)
UK	35	13%
ES	13	27%
FR	25	15%
DE	46	7%
USA	200	46%

Sources: NEISER/NIR (Dec 2005), EBAA Mediascope (Feb 2006), Online Publishers Association (April 2006), Morgan Stanley (April 2006)

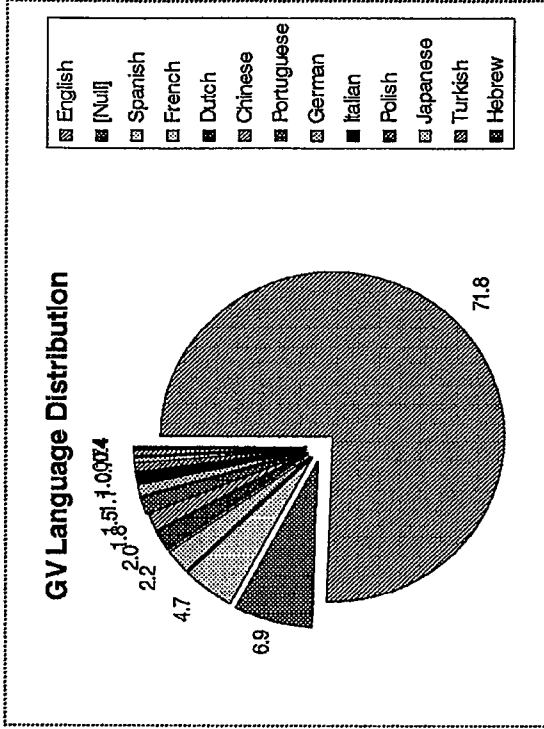


Google

## Google Video internationally (cont'd...)

- Videos in the index are still English-centric, despite the fact that 50% of playbacks come from non-English speaking countries
  - However, analysis shows that the most popular videos requested from non-English speaking countries still get enough playbacks to rise to "global" popularity status
  - This shows a strong demand exists for local content that we need to encourage

- Our top videos drive a disproportionate amount of traffic from outside the US
  - 30% of the top 200 videos in the GV index receive at least 70% of playbacks from just a single country
  - 56% of the top 200 videos receive the most playbacks from a non-US country



Rank	Title	Country	Percentage
1	Loose change 2nd ed extra footage	usa	69%
2	Lady punch		72%
3	Amazing juggling		73%
4	Impossible machines (copyright strike)		76%
5	Loose change 2nd edition		70%
6	Chlöe Sabido - Tak to zankieta MIX		78%
7	Wabean Girls Go Wild		56%
8	SO WE PWNED THIS FUNERAL TODAY: S		54%
9	Salife Askar		45%
10	Russian clubbing		28%
11	Złote wyzwanie: krazy		5%
12	Worst Music Video EVER (Finnish)		23%
13	Loose Change 9.11 Alex Jones Conspiracy		64%
14	Italian Exotic dance in Office 2		4%
15	Probably Greatest Pub Team In World		14%

## Important points to make somewhere in the deck:

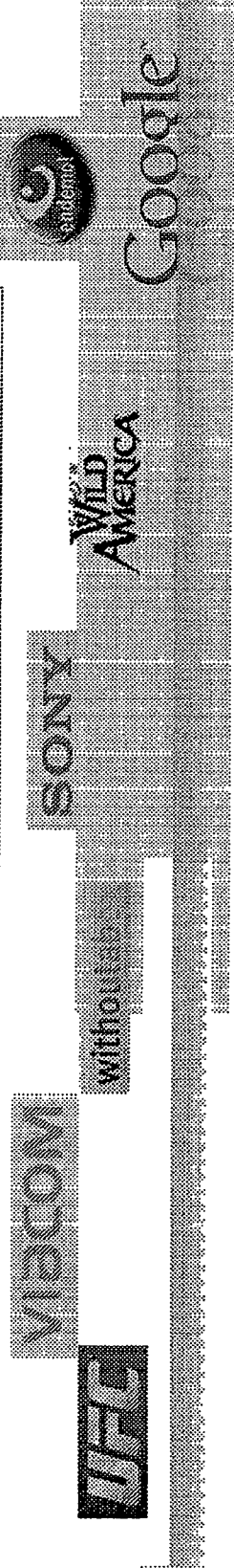
- YouTube's business model is completely sustained by pirated content. They are at the mercy of companies not responding with DMCA requests. When they do (like CSPAN did with S. Colbert), they suffer
- The DMCA law could be overturned if the media industry engages in sustained lobbying efforts (it was written before the viral video craze took off), and it is risky to build an entire business model on this law. *It is also not scalable to expand internationally since DMCA is a US law*
- The YouTube business model is also not monetizable. They are an AdSense publisher, so we have a good sense of their rate of monetization:PV
- YouTube is going after one slice of the internet video market -- funny, user-made videos. There are many more slices in the pie and GV should try to be the broadest possible index
- We need to continue CBG support for video internationally b/c we don't have good ad monetization solutions yet, and some content producers will only distribute their content if they can sell it
- There is a big market for high quality premium content, but it is largely going to be shorter form, as opposed to 2 hour movies. Perhaps this means we should be working with media companies to get 2-4 minute funny clips from their shows. This will drive traffic, raise awareness of their TV shows (e.g., Lazy Sunday boosted SNL's ratings), and be very monetizable



## Content Acquisition Priorities

### CURRENT PRIORITIES

- **Maintain relationships w/ premium content owners and reset expectations**
  - Continue to push for DTO deals with current features, knowing that uptake will be limited
  - For partners resisting DTO in current form:
    - Seek more free promotional content
    - Set up advertising and other monetization trials
  - Reset expectations regarding DRM improvements this year
  - Focus on one box integration, improved browse/search/promotion capabilities to come, and RSS to come
  - Drive traffic through "event" programming
  - Set up advertising and monetization trials for current DTO partners
  - Differentiate based on our "respect for copyright"





## Content Acquisition Priorities (Cont'd)

### CURRENT PRIORITIES

- **Accelerate growth of "torso" content**
  - Health/Fitness (e.g., CareTALK)
  - Educational (e.g., UCTV (Regenis of University of California))
  - Faith and Spirituality (e.g. Life Balance Media (LIME))
  - Lifestyle/Arts (e.g., BlueHighwaysTV)
  - Travel (e.g., Wilderness Films International)
  - Children and Family (e.g., Sesame Street)
  - Sports (e.g., Collegiate Images)
  - Special Interest (e.g., WheelsTV)
  - Other Niche Content (e.g, Bollywood films)
- **Additional**
  - Secure more non-US and non-English language content deals with new partners
  - Continue digitization efforts
  - Consider university lectures pilot



without



# What Features/Infrastructure Are Needed to Support Content Types?

	Must-Have Product Features
<b>PREMIUM</b>	<ul style="list-style-type: none"> <li>* Home page promotion, branded pages</li> <li>* Browse by provider name</li> <li>* Ranking by video quality/premium partnership</li> <li>* Better search functionality</li> <li>* Fast upload with high service model</li> <li>* Tools for managing large amounts of content</li> <li>* Payment mechanism for DTO</li> <li>* Disconnected DRM and limited devices/downloads</li> <li>* Premium advertising option, control over advertising partners</li> <li>* Statistics on page view/playback/download/payment behavior and demographics by title</li> </ul>
<b>TORSO</b>	<ul style="list-style-type: none"> <li>* Search traffic from google.com</li> <li>* Search on provided and processed metadata including provider name</li> <li>* Multi-level granular brows</li> <li>* Featured areas to support standard partner content</li> <li>* Easy upload and takedown</li> <li>* Unified dashboard for tracking partners through the pipeline</li> <li>* Low-hassle digitization assistance</li> <li>* Payment mechanism for DTO</li> <li>* Advertising option to monetize e.g. text ads</li> </ul>
<b>USER-GENERATED</b>	<ul style="list-style-type: none"> <li>* Easy upload from web page</li> <li>* User tagging, rating, voting, send-to-friend, myspace integration</li> <li>* Popularity metrics</li> </ul>

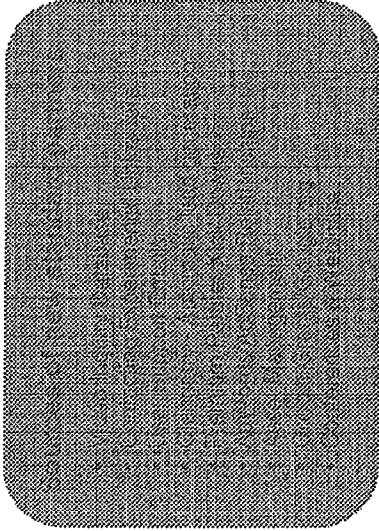
Source: Standard team feedback, BizOps analysis

Google

## How we plan to boost torso content

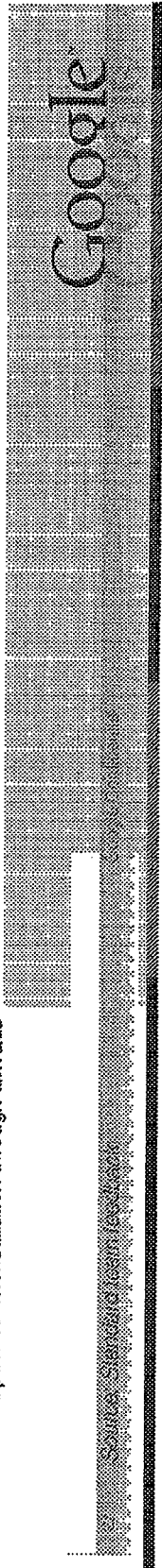
### INCREASED CONTENT ACQUISITION TEAM ACTIVITY

- Increased staffing in standard team (+2 FTEs)
  - Faster response to user enquiries
  - Accelerated sign-up and upload of content
  - Capacity for proactive outreach
- Identify new target torso content owners
  - Existing online video: Glengarry tool
    - In-house tool for PSO identifies web sites with online video files; sorts by quantity of video, by vertical
    - Largely unutilized so far while partner team has been in reactive mode; untapped resources with fast upload path
  - Video not yet online: Business Census (in US); regional targeting (outside US)
    - Prioritization of key verticals & functions with propensity to make video, sufficient revenues per firm
    - In-country groups charged with identifying top XX target content providers and reaching out



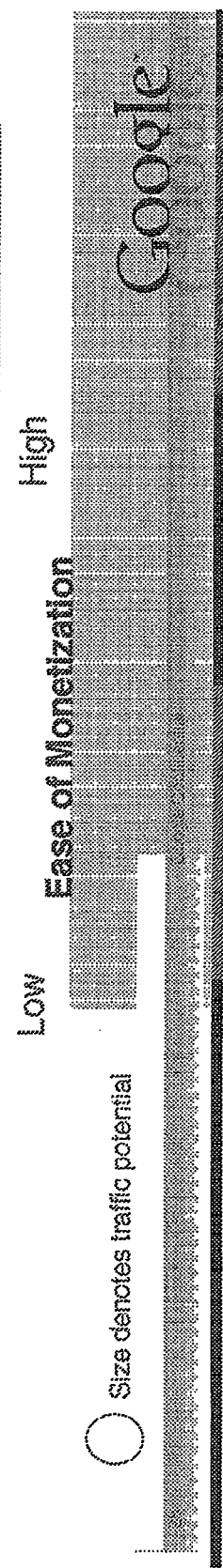
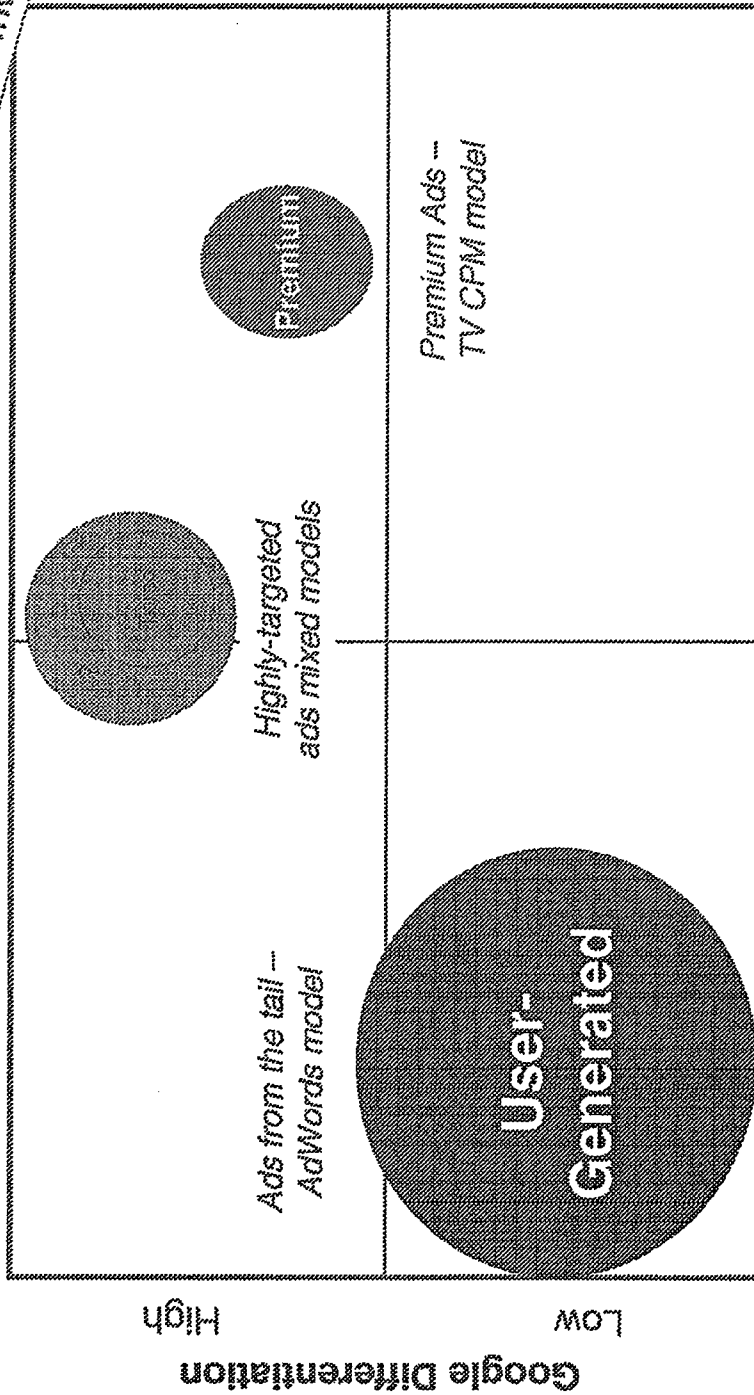
### IMPROVED PARTNER VIDEO EXPERIENCE

- Better marketing of new torso content
  - Google Video Blog, Google Picks, Google Partner Pages
- Improved product functionality: working browse and search (coming in Q2)
  - Increase partner satisfaction about visibility of content
  - Increase traffic to partner videos
  - Positive marketing message and references
- Future product functionality (later in 2006)
  - Localized versions of video.google.com homepage and uploader tools
  - Translated metadata, descriptions for finding videos...
  - Option for monetization through text ads



# Monetization Potential of Different Content Types

ILLUSTRATIVE



# Video monetization possibilities

Sponsored Video – requires high-touch premium content to premium advertiser matching – needs top content and TV-style CPMs to work

*Sliding scale of ad frequencies as video gets longer*

	# of people interested in seeing video*	\$ amount advtr'ty will pay per stream	movie length (mins)	minutes per ad	# ads per stream	advertising cut to content owner	\$ value to content owner	\$ each advertiser pays
911 Loose change	4,560,448	\$ 10.00	82	15	5	75%	\$ 171,017	\$ 45,604
Amazing Lugling	2,921,234	\$ 10.00	2.5	2	1	75%	\$ 18,909	\$ 25,212
Airbus build plane	412,772	\$ 10.00	7	3	2	75%	\$ 4,128	\$ 4,128
Octopus eats shark	201,412	\$ 10.00	2.5	2	1	75%	\$ 1,511	\$ 2,014
Jessica Simpson - These boots are made for walkin'	10,000,000	\$ 10.00	4.1	2	2	75%	\$ 100,000	\$ 100,000

Tip Jar – “busker” or “shareware” model may deliver strong incentives to user uploaders but nothing to corporate partners (Google would pass through all fees)

*Tip Jar*

	# of people interested in seeing video*	Fraction who will tip	Average tip	\$ value to content owner	minutes per ad group	# ads on screen at a time	# ads per stream	\$ value to content owner	\$ each advertiser pays	clicks each advertiser sees
911 Loose change	4,560,448	5%	\$ 2.00	\$ 45,604	15	4	4	\$ 85,508	\$ 5,701	22,802
Amazing Lugling	2,921,234	2%	\$ 0.50	\$ 25,212	2.5	2	4	\$ 9,455	\$ 3,182	12,606
Airbus build plane	412,772	0.10%	\$ 0.02	\$ 8	7	3	4	\$ 3,096	\$ 516	2,064
Octopus eats shark	201,412	2%	\$ 0.25	\$ 1,007	2.5	2	4	\$ 755	\$ 282	1,007
Jessica Simpson - These boots are made for walkin'	10,000,000	0.10%	\$ 0.25	\$ 2,500	4.1	2	4	\$ 25,000	\$ 12,500	50,000

*Rationale for tipping guesses*  
 Big tip for charity or interest group: long highly-edited video, engaged viewers  
 Viewers impressed - see single beneficiary with talent  
 Low tip rate - corporate promo video  
 Viewers impressed - see single beneficiary with good content  
 Low tip rate if its thought tip goes to Sony

Text ads – familiar Google technology accessible to smaller advertisers can monetize standard partner and user content (Google could keep a fraction of ad revenues)

*Text ads with click-throughs*

	# of people interested in seeing video*	CTR	CPC	movie length (mins)	minutes per ad group	# ads on screen at a time	# ads per stream	\$ value to content owner	\$ each advertiser pays	clicks each advertiser sees
911 Loose change	4,560,448	0.50%	\$ 0.25	82	15	4	4	\$ 85,508	\$ 5,701	22,802
Amazing Lugling	2,921,234	0.50%	\$ 0.25	2.5	2.5	2	4	\$ 9,455	\$ 3,182	12,606
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Jessica Simpson - These boots are made for walkin'	10,000,000	0.50%	\$ 0.25	4.1	4.1	2	4	\$ 25,000	\$ 12,500	50,000

\* based on April 2006 actual playbacks (except Ms Simpson)

Source: Playbacks and movie length real data (taken from Ms Simpson) all else "what-if" analysis by BizOps



# Decisions on copyright policy and product features will significantly impact the activities of the content team in 2006

## Priorities of content team

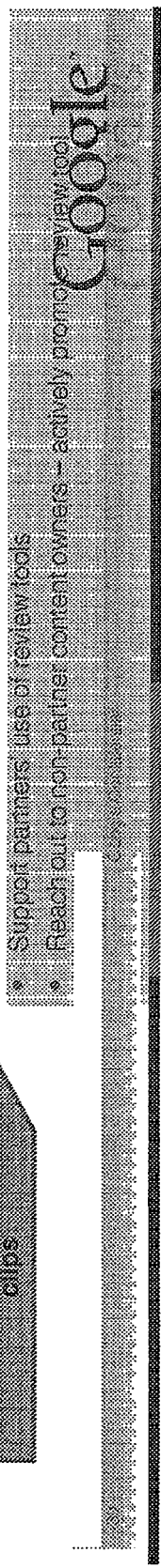
- Keep premium and standard teams separate
- Build premium relationships through multi-property deals
- Engage premium partners in supporting crawl and metadata extraction efforts
- Seek multi-language support from existing premium partners
- Engage premium partners on enabling viral clips
- Communicate to premium partners no material DFIM improvements this year
- Engage premium partners in sponsored content streaming ad test/deployment only -- otherwise move premium team to standard content acquisition effort
- Focus on securing non-US and non-English language content deals with new partners
- Await improvements in search and browse to produce real data on user preferences to guide further partner content acquisition

With Disconnected DFIM & limited devices accelerated to Q2/603

Status Quo: no DFIM changes, no copyright policy changes

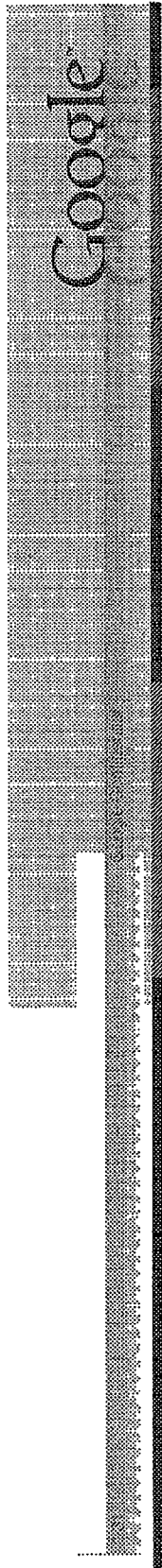
- Increase staffing and/or resources to content acquisition, ops and legal teams to handle complaints and potential litigation
- Limit damage through public policy, investor relations, press and premium partner meetings

No DFIM changes, loosened copyright policy on short clips



# Potential results of changing copyright enforcement policies

- \* Likely acceptance among users (especially highly media-aware young demographic)
  - Higher traffic, higher profile as destination site
  - Increased uploads of user content as well as copyrighted content
  - Potential to monetize higher volume of traffic
  - Achieve OKRs on traffic and uploads
- \* Inability to independently gauge what kind of impact on traffic other options can have
  - Improvements in features and user experience
  - Modifying copyright protection through applying public pressure through increased collaboration with content owners and indirect pressure through press and public policy
- \* Some content owners sue Google
  - Diversion of management attention
  - Negative PR
  - Potential monetary damages
- \* Loss of trust from content providers
  - Reduced future access to content
  - Reduced willingness to partner with other Google properties
  - Reduced AdSense partnerships and revenues (not just in Video)
- \* Inconsistent with assertions in book search and library partner program for respecting copyrights
  - Press, public and potentially courts will see loosening of video standards as sign of overall approach to copyrights
- \* Loss of trust from advertisers
  - Wish to avoid negative associations
  - Reduced ad revenues



Speaker Notes Slide: 7

Offer GV distribution/promotional prowess to those who don't have scale

Speaker Notes Slide: 9

In addition to premium content, "torso" content presents opportunities for competitive differentiation  
Leverage GV promotion, traffic, tools for professional content owners who don't have scale  
Take advantage of more relaxed DRM requirements among this class of owners  
Few competitors will have resources or expertise to identify and close large volumes of torso deals

Speaker Notes Slide: 12

"Everyone hates Chris" launch on GV – 9/23/05  
iTunes launch with ABC – October, 2005  
YouTube launch – February, 2005 (Not shown on timeline)  
GV launch at CES – January 8, 2006  
L.CBS puts programs on 3 platforms (comcast, satellite, gv) plus their own .com  
iTunes announces 15 millionth video download (from email I sent from PaidContent estimating 700k iTunes sales/week) – Feb, 24, 2006  
SNL "Lazy Sunday" puts YouTube on the map – episode aired December 17th, 2005. It attracted about 5 million online views before NBC asked that it be removed  
AOL launches In2TV – 3/15/06  
Yahoo says it's scaling back on original programming – March 2, 2006  
MTV announces re-org, big plans new media distribution, (let's also see if we can find out when they acquired iFilm and when their show on VH1 taking clips from iFilm first aired) (background bullet on ~4 similar "clips shows" on air and 9 in development) – the iFilm acquisition was Oct. 14, 2006 for \$49 Million. The "Best of Web Video" TV show with VH1 first aired on Jan. 13, 2006.  
CBS streams NCAA championships for free and reports it generated \$4mm in revenues mid March through end of March, 2006  
FOX closes landmark deal with affiliates  
NBC and affiliates form joint venture for new media distribution - April 19, 2006  
GV announces initiative to digitize NARA content – 2/24/06  
ABC announces ad supported streaming trial of top shows – announced April 10, 2006; trial is for May and June, 2006  
MSN unveils new plans to create original programming – May 3, 2006  
CBS Innertube – 5/4/06  
Some bullet that speaks to tremendous growth rate/volume of user-generated content  
Others? This is a lot already but skews toward the "head" content; we may need more "tail" bullets and more about "torso", e.g., GV announces initiative to digitize NARA content  
Message we're trying to communicate: The market is very young but extremely fast-moving; premium content owners have really become more aggressive and open to experimentation; user-generated trend is huge

Speaker Notes Slide:



- 13 Overview of Google and our portfolio
- Speaker Notes Slide: 24  
Offer GV distribution/promotional prowess to those who don't have scale
- Speaker Notes Slide: 25  
Offer GV distribution/promotional prowess to those who don't have scale
- Speaker Notes Slide: 26  
Overview of Google and our portfolio
- Speaker Notes Slide: 28  
Overview of Google and our portfolio