

SAILLABS

TECHNOLOGY



Podmining® - SAILing the multimedia web

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VP Business Development and
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INNOVATION IN UNDERSTANDING

Company Facts

SAIL LABS Technology AG is a leading global provider of software-based speech and language technology for multi-media analysis solutions.

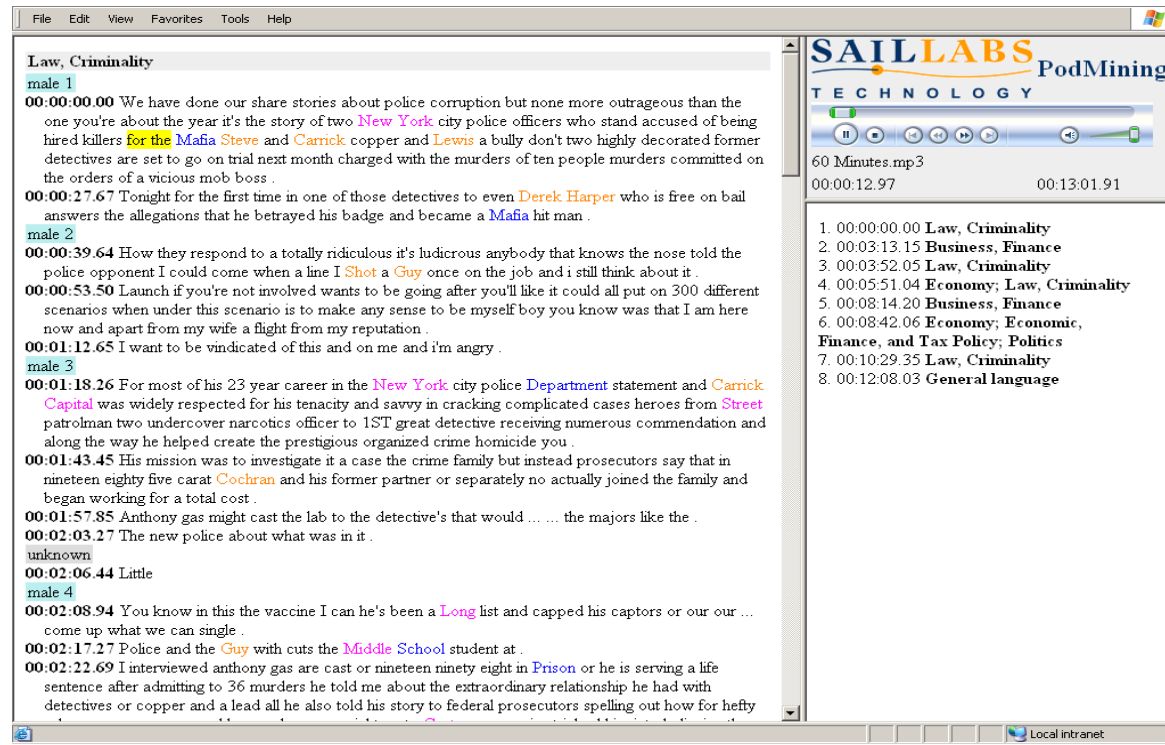
Facts & Figures

- ▶ founded 1999 in Vienna, Austria, Europe
- ▶ 99.8% Austrian owned
- ▶ Research and Development entirely in-house
- ▶ Customers: Worldwide coverage
- ▶ Current headcount: 20 employees + consultants
- ▶ Clients in all continents



Podmining

Podcasts, webcasts & internet clips contain important information sources for industries and governments



File Edit View Favorites Tools Help

Law, Criminology

male 1

00:00:00.00 We have done our share stories about police corruption but none more outrageous than the one you're about the year it's the story of two New York city police officers who stand accused of being hired killers for the Mafia Steve and Carrick copper and Lewis a bully don't two highly decorated former detectives are set to go on trial next month charged with the murders of ten people murders committed on the orders of a vicious mob boss .

00:00:27.67 Tonight for the first time in one of those detectives to even Derek Harper who is free on bail answers the allegations that he betrayed his badge and became a Mafia hit man .

male 2

00:00:39.64 How they respond to a totally ridiculous it's ludicrous anybody that knows the nose told the police opponent I could come when a line I Shot a Guy once on the job and i still think about it .

00:00:53.50 Launch if you're not involved wants to be going after you'll like it could all put on 300 different scenarios when under this scenario is to make any sense to be myself boy you know was that I am here now and apart from my wife a flight from my reputation .

00:01:12.65 I want to be vindicated of this and on me and i'm angry .

male 3

00:01:18.26 For most of his 23 year career in the New York city police Department statement and Carrick Capital was widely respected for his tenacity and savvy in cracking complicated cases heroes from Street patrolman two undercover narcotics officer to 1ST great detective receiving numerous commendation and along the way he helped create the prestigious organized crime homicide you .

00:01:43.45 His mission was to investigate it a case the crime family but instead prosecutors say that in nineteen eighty five carat Cochran and his former partner or separately no actually joined the family and began working for a total cost .

00:01:57.85 Anthony gas might cast the lab to the detective's that would the majors like the .

00:02:03.27 The new police about what was in it .

unknown

00:02:06.44 Little

male 4

00:02:08.94 You know in this the vaccine I can he's been a Long list and capped his captors or our our ... come up what we can single .

00:02:17.27 Police and the Guy with cuts the Middle School student at .

00:02:22.69 I interviewed anthony gas are cast or nineteen ninety eight in Prison or he is serving a life sentence after admitting to 36 murders he told me about the extraordinary relationship he had with detectives or copper and a lead all he also told his story to federal prosecutors spelling out how for hefty

60 Minutes.mp3
00:00:12.97 00:13:01.91

1. 00:00:00.00 Law, Criminology
2. 00:03:13.15 Business, Finance
3. 00:03:52.05 Law, Criminology
4. 00:05:51.04 Economy; Law, Criminology
5. 00:08:14.20 Business, Finance
6. 00:08:42.06 Economy; Economic, Finance, and Tax Policy; Politics
7. 00:10:29.35 Law, Criminology
8. 00:12:08.03 General language

Local intranet



Products & Services

Key Products

- ▶ Media Mining System
- ▶ Text Mining System
- ▶ Podmining

Key Features

- ▶ Indexing and archiving of data from video, audio and text sources
- ▶ Automatic speech recognition (speech-to-text)
- ▶ Speaker and gender identification
- ▶ Topic and named entity detection, story segmentation
- ▶ Format normalization

Key Services

- ▶ Consulting service and technical workshops
- ▶ Research, development and implementation of customized solutions
- ▶ Maintenance, upgrades and support



Podmining challenges

▶ No magic bullet available off the shelf...

- Podcasts are VERY diverse in domain and vocabulary
Cooking, Politics, DIY, Astrology, Astronomy, Brain Surgery, Tourism, Kinky Toys, Society Chit Chat, Children's Entertainment, Oil, Economy, Collateral Trading, Adult Entertainment, Art of the 17th Century, Martial Arts, Explosives Handling, Music...
- Audio quality also has a very broad range
Professional recording environment to home studio with 5.95\$ mic
- Speakers are mostly not “trained speakers”
Anchor speakers are the minority in this business!

▶ High flexibility needed in terms of Language Model

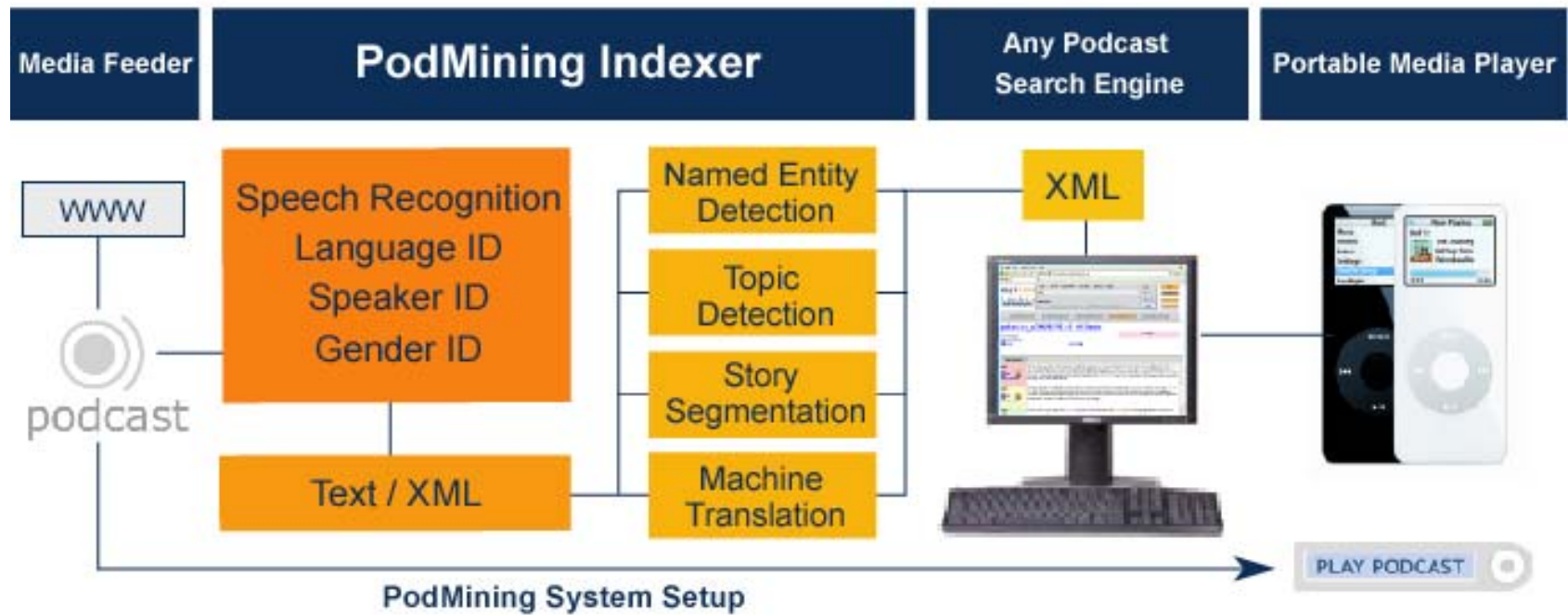
- Vocabulary is broad and needs adaptation for special domains

▶ Budget

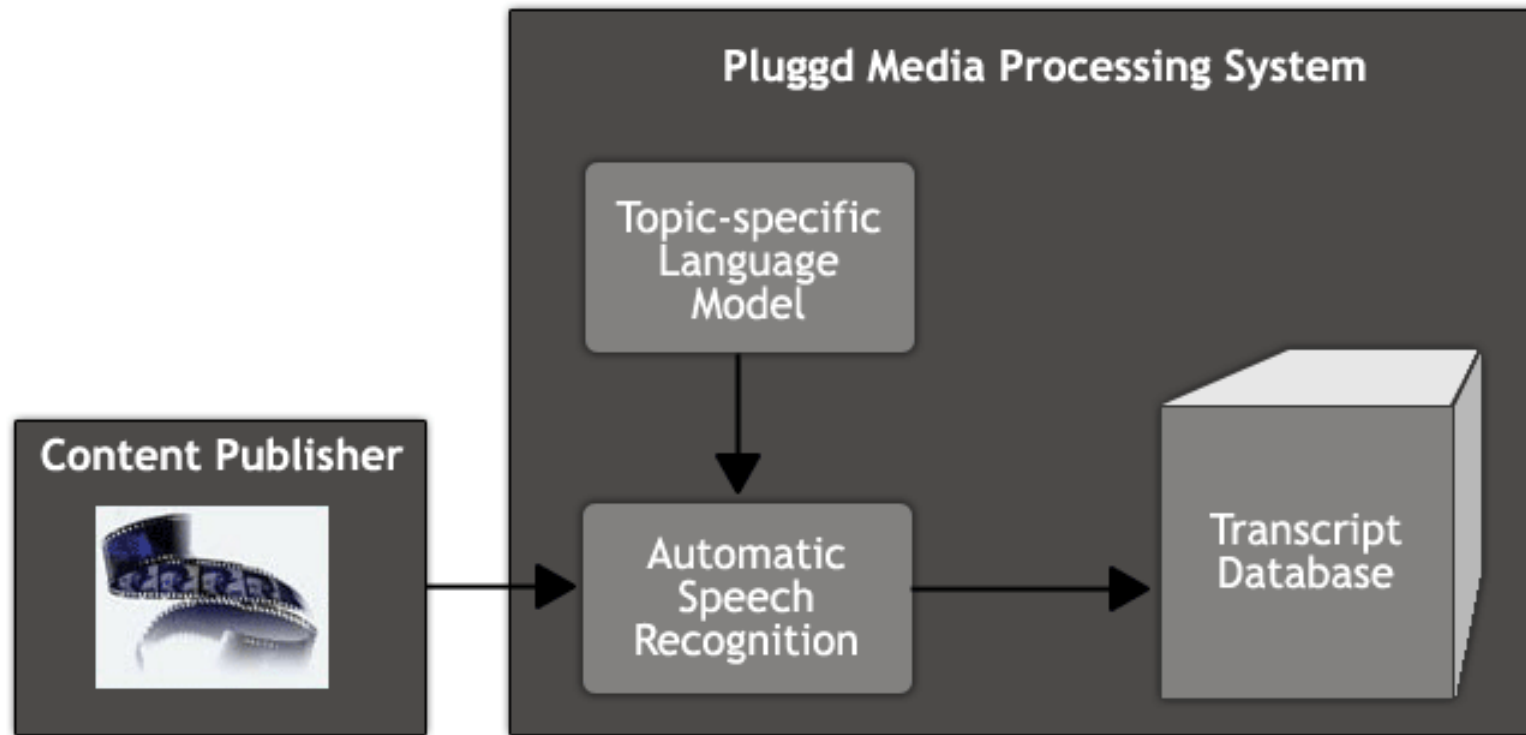
- Eventually they wanted a solution for reasonable price and we had to be able to pay the rent



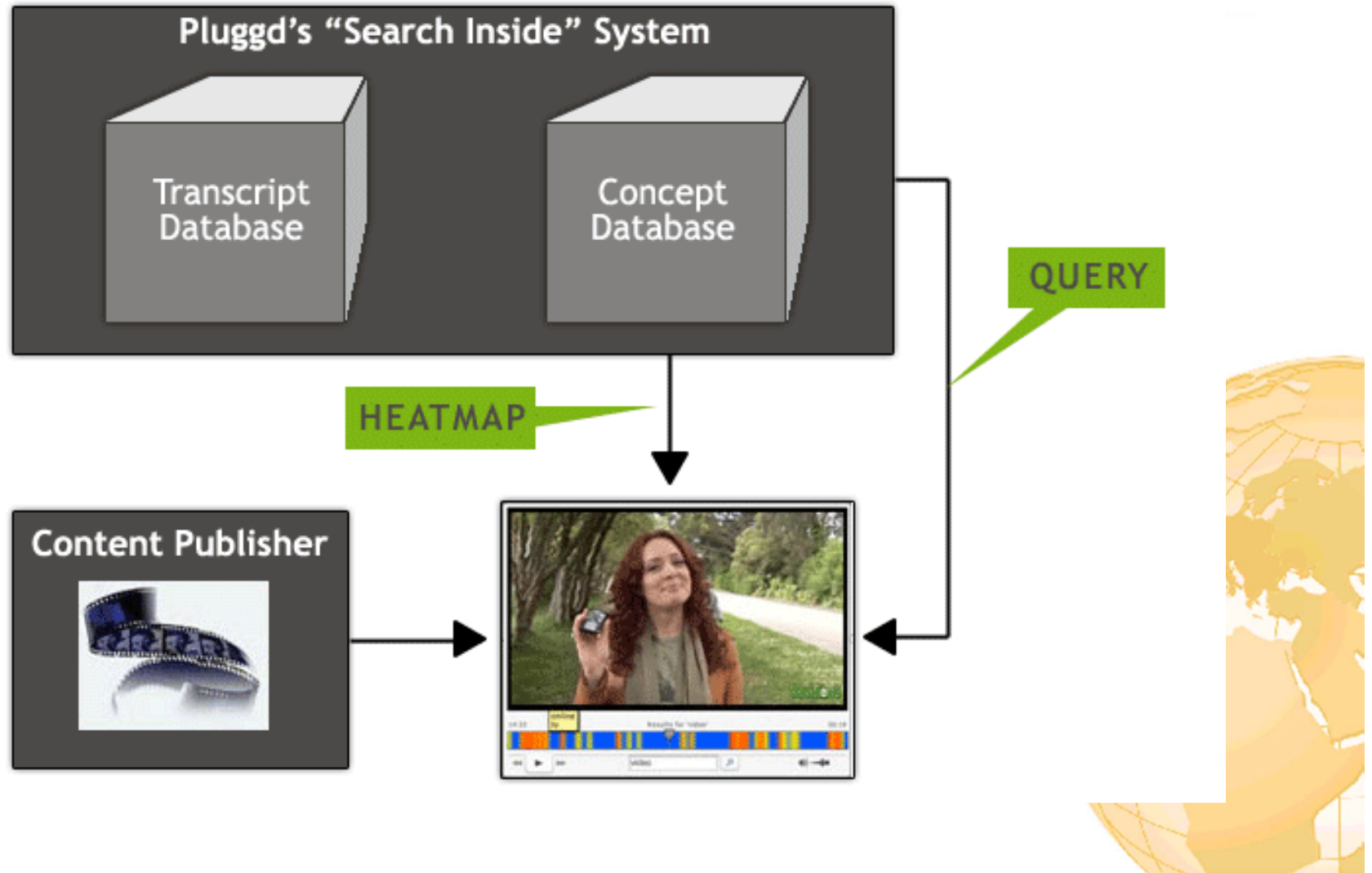
How it works



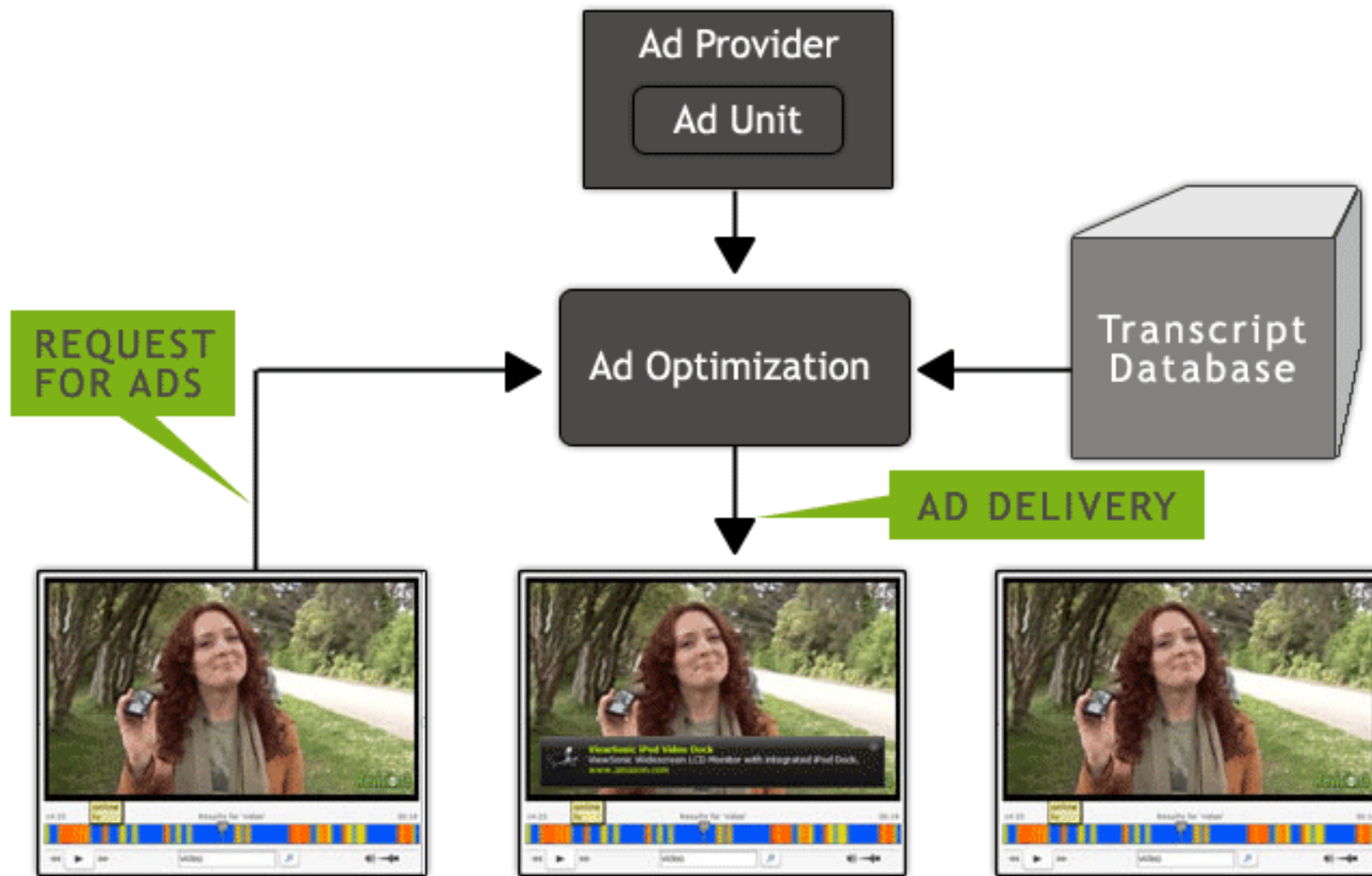
Technology Concept by Pluggd



The Result



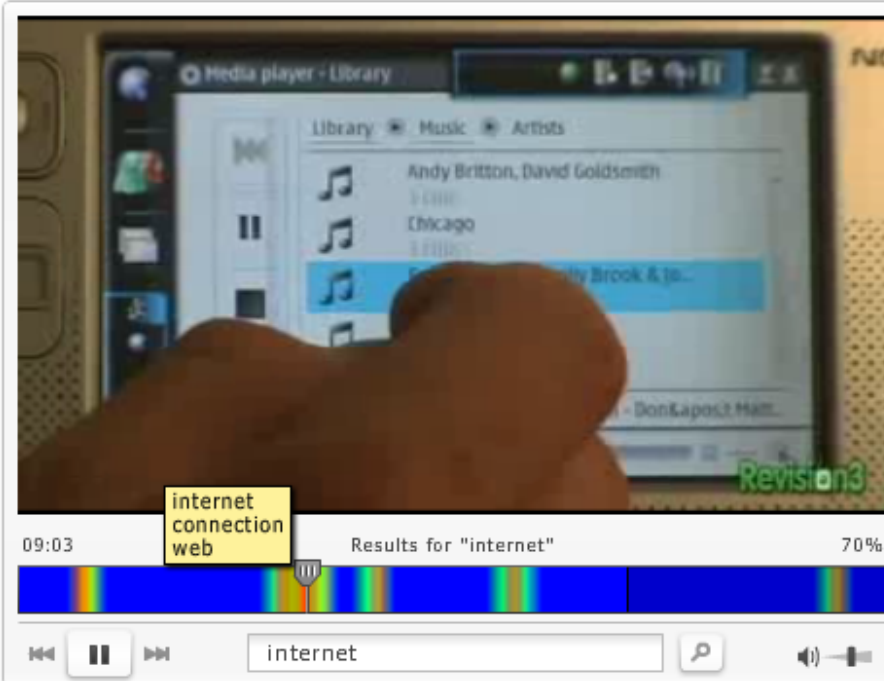
How they manage to repay...



SeeHere

Technology Preview: Search Within Shows Using Pluggd's SeeHere

SeeHere uses an intuitive heatmap interface to let you search inside a video and jump right to the parts that interest you. To get started, just type a concept into the search box on the video player below. (Note: although SeeHere results will appear immediately, you may need to wait for the video to download before you can jump ahead to a hotspot. The progress bar shows how much of the video has downloaded.)

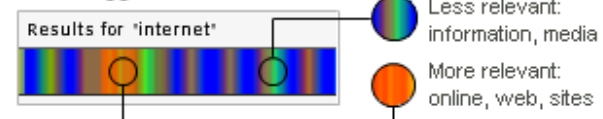


InDigital - A Bit of Everything!

Published on May 18th (271 days)

In this episode, Jessica compares three 411 services that won't cost a cent and then takes a camera for the action sports minded for a spin. Wil checks out a Linux based media player and Hahn tries out a gadget for those that need the internet everywhere they go. And before the Canucks complain... Hahn needs to apologize to all Canadians for not knowing that Ottawa is still in the Stanley Cup hunt.

How Pluggd's SeeHere works:



1 InDigital - A Bit of Everything! May 18th (271 days ago)



In this episode, Jessica compares three 411 services that won't cost a cent

[more](#)

SAILLABS

T E C H N O L O G Y

THANK YOU!

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