

Chrome Extensions





Teaching
in India



מרצה לקורסי תכנות
בבסמ"ח ממר"ם (מילואים)

Holon Institute of Technology

Technion Tel Hai College
SMKB Tel Aviv College

Shenkar Software Engineering



1995

2000

2005

2010

Google Chrome Web Browser

- The Google Chrome is a web browser developed by Google.
- The Google Chrome was developed based on the WebKit open source project.

V8 Java Script Engine

- V8 JavaScript open source engine is developed and maintained by Google.
- Its amazing speed has made it relevant even for the server side (node.js).
- The V8 Java Script engine is shipped as part of the Google Chrome web browser.

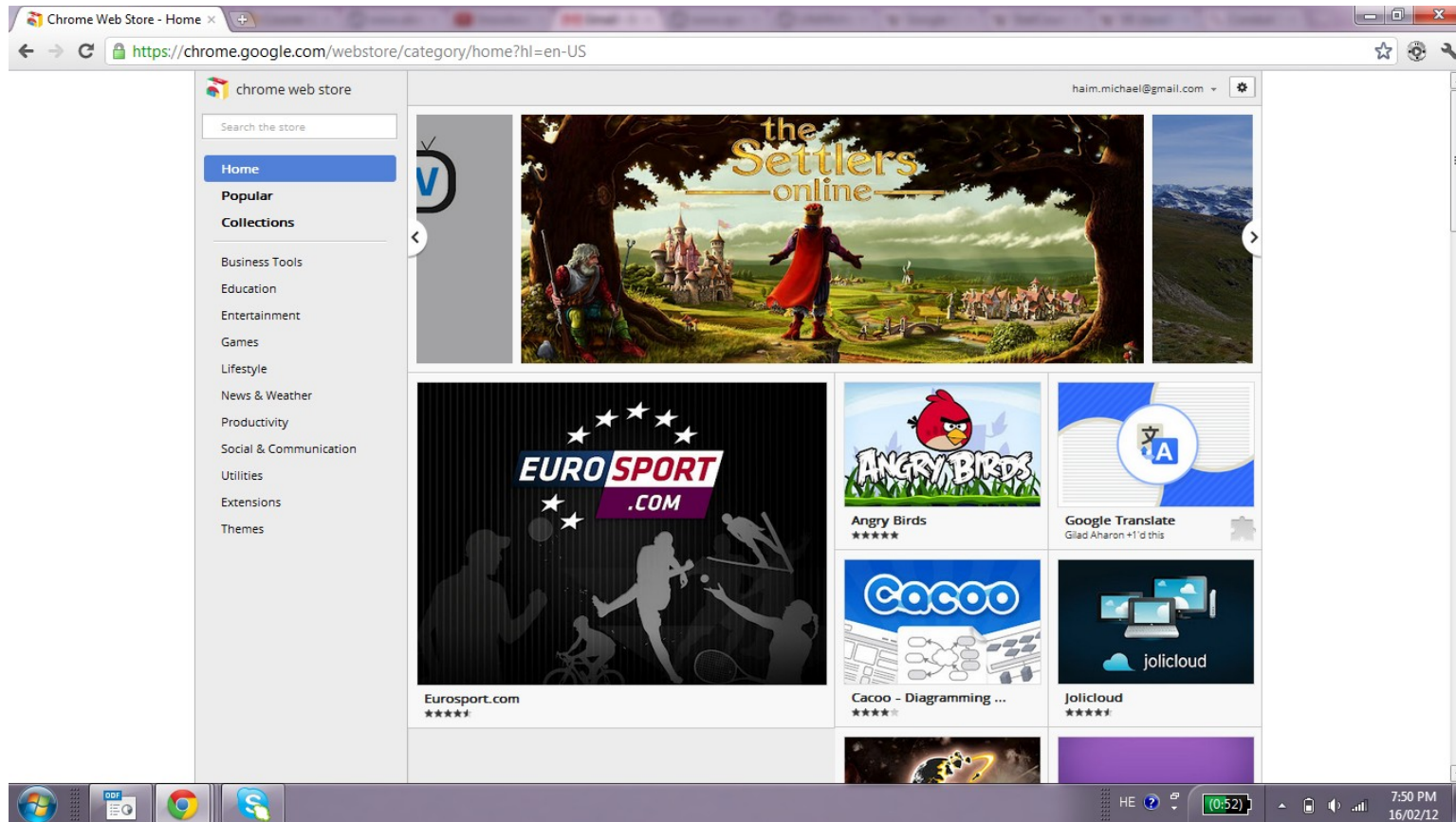
Chrome Extensions

- The Google Chrome extensions are small programs that modify the chrome web browser.
- We can develop these extensions using nearly every client side web technology.

Chrome Extensions

- The extension can be either a simple extension to the browser itself, a new theme that changes the browser look & feel or an installable application.

Chrome Web Store



Extensions Capabilities

- Interacting with the web browser document object model (e.g. www.betterfacebook.net).
- Interacting with the desktop via desktop notifications.
- Writing code segments in C++ that interact directly with the operating system layer.

More Chrome OS Tablets

- With the continuous evolve of HTML 5 we can expect more and more high quality applications. When that happens we can expect Google to move forward with the Chrome OS initiative.

More Google Stores

- Most likely the google store that was recently opened in London is just the first.



<http://www.youtube.com/watch?v=OIkX24Yf6qc>

Possible Merge with Android

- The android platform includes layers on top of Linux. We can expect having a new layer composed of the Chrome web browser.
- Software development for android is not simple.
- Maintaining two operating systems makes no sense.

Possible New UI

- Windows 8 is coming. It has a unique user interface common with Windows Phone, also known as Metro.

More Possibilities

- More development possibilities using Java Script, similar to those provided by WinJS in Windows 8.

Jump Start

- <http://code.google.com/chrome/extensions/getstarted.html>
- <http://www.abelski.com>

Questions & Answers

Thanks for your time :)

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