

# Corso di Ingegneria del Software

**Paolo Bottoni**

DIPARTIMENTO  
DI INFORMATICA



**SAPIENZA**  
UNIVERSITÀ DI ROMA

**Temi per il progetto**

# Esempi

- InfoStud
- ElaN Languages / LanguageLine Solutions
- Vivino / RateBeer
- Uber / Car2Go

# InfoStud

- Dominio:
  - Corsi, esami, profili studenti, amministrazione
- Applicazioni:
  - Iscrizione esami, giudizi su corsi, stampa bollettini
  - Registrazione esami
- Requisiti non funzionali:
  - Sicurezza
  - Disponibilità

# Servizi per docenti



# Incarichi docente

[Opinioni Docenti](#) [Opinioni Studenti](#)

## INCARICHI DOCENTE

Docente:  matricola:  (Certificato per Firma Digitale valido fino al 04/06/2017)

Codice	Denominazione	Settore	Cfu	Denominazione Corso di Studi	Anno Inizio	Anno Fine
1047614	ADVANCED SOFTWARE ENGINEERING	INF/01	6.0	28225-COMPUTER SCIENCE - INFORMATICA [LM (DM 270/04) ORDIN. 2016 - Corso erogato in LINGUA INGLESE] - LM-18 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2016	-
1022301	INGEGNERIA DEL SOFTWARE	INF/01	6.0	00547-INFORMATICA [L (DM 509/99) - ORDIN. 2002] - 26 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2011	-
1022301	INGEGNERIA DEL SOFTWARE	INF/01	6.0	14495-INFORMATICA [L (DM 270/04) - ORDIN. 2010] - L-31 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2012	-
1022301	INGEGNERIA DEL SOFTWARE	INF/01	6.0	26027-INFORMATICA [L (DM 270/04) - ORDIN. 2013] - L-31 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2015	-
1022301	INGEGNERIA DEL SOFTWARE	INF/01	6.0	26654-INFORMATICA [L (DM 270/04) - ORDIN. 2014] - L-31 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2016	-
1022301	INGEGNERIA DEL SOFTWARE	INF/01	6.0	27631-INFORMATICA [L (DM 270/04) - ORDIN. 2015 (IN COLLABORAZIONE CON L'UNIVERSITA' TELEMATICA UNITELMA SAPIENZA)] - L-31 INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA	2017	-

# Report verbalizzazione

DOCENTE : **BOTTONI PAOLO GASPARE (codice personale: 115884)**

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DEFINIRE I CRITERI DI RICERCA

ANNO ACCADEMICO :

RAGGRUPPA PER :

INSEGNAMENTO :

INDICARE IL FORMATO DEL REPORT



PDF



EXCEL

**ESEGUI**

# Selezione corsi per verbalizzazione

Docente: BOTTONI PAOLO GASPARE (Certificato per Firma Digitale valido fino al 04/06/2017)				La funzione
A.A.	Verbale	Data	Insegnamenti	
2015/2016 2016/2017	<b>530706</b>	09/01/2017	12: INTERAZIONE UOMO-MACCHINA (ann.:1), INTERAZIONE UOMO MACCHINA (cfu:6), INGEGNERIA DEL SOFTWARE I (cfu:6), INTERAZIONE UOMO MACCHINA (cfu:6), ADVANCED SOFTWARE ENGINEERING (cfu:6), INGEGNERIA DEL SOFTWARE (ann.:1), INGEGNERIA DEL SOFTWARE AVANZATA (cfu:6), INTERAZIONE UOMO-MACCHINA I (cfu:6), LABORATORIO DI SISTEMI INTERATTIVI (cfu:4), LINGUAGGI FORMALI E COMPILATORI (ann.:1), INGEGNERIA DEL SOFTWARE (cfu:6), LING. PROG.I:COMP. E LAB.INF.II:COMP. (2UD) (ann.:1)	
Pubblicato	<a href="#">Dettaglio</a>	<a href="#">Modifica</a>	<a href="#">Cancella</a>	<a href="#">Prenota</a>   <a href="#">Calendario</a>   <a href="#">Commissione</a>   <a href="#">Verbalizza</a>   <a href="#">Annulla</a>   <a href="#">Firma Digitale</a>
2016/2017	<b>530708</b>	06/02/2017	12: INTERAZIONE UOMO-MACCHINA (ann.:1), INTERAZIONE UOMO MACCHINA (cfu:6), INGEGNERIA DEL SOFTWARE I (cfu:6), INTERAZIONE UOMO MACCHINA (cfu:6), ADVANCED SOFTWARE ENGINEERING (cfu:6), INGEGNERIA DEL SOFTWARE (ann.:1), INGEGNERIA DEL SOFTWARE AVANZATA (cfu:6), INTERAZIONE UOMO-MACCHINA I (cfu:6), LABORATORIO DI SISTEMI INTERATTIVI (cfu:4), LINGUAGGI FORMALI E COMPILATORI (ann.:1), INGEGNERIA DEL SOFTWARE (cfu:6), LING. PROG.I:COMP. E LAB.INF.II:COMP. (2UD) (ann.:1)	
Pubblicato	<a href="#">Dettaglio</a>	<a href="#">Modifica</a>	<a href="#">Cancella</a>	<a href="#">Prenota</a>   <a href="#">Calendario</a>   <a href="#">Commissione</a>   <a href="#">Verbalizza</a>   <a href="#">Annulla</a>   <a href="#">Firma Digitale</a>

Periodo prenotazione	Studenti prenotati	Studenti verbalizzati		Crea
22/12/2016 08/01/2017	0	0	<b>Da Firmare</b>	<a href="#">Replica appello</a>
15/01/2017 05/02/2017	0	0	<b>Da Firmare</b>	<a href="#">Replica appello</a>

# Verbalizzazione esiti

## Caricamento esiti

**Verbale N.:530706 Docente:BOTTONI PAOLO GASPARE**

**Facoltà:INGEGNERIA DELL'INFORMAZIONE, INFORMATICA E STATISTICA**

### **Insegnamenti**

cod: 1015942 INTERAZIONE UOMO-MACCHINA I (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: 1022263 INTERAZIONE UOMO MACCHINA (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: 1022301 INGEGNERIA DEL SOFTWARE (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: 1022752 INTERAZIONE UOMO MACCHINA (cfu: 6, ssd: ING-INF/04, canale: NESSUNA CANALIZZAZIONE)  
cod: 1041485 INGEGNERIA DEL SOFTWARE AVANZATA (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: 1047614 ADVANCED SOFTWARE ENGINEERING (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: N00595 LINGUAGGI FORMALI E COMPILATORI (annualità: 1, ssd: -, canale: NESSUNA CANALIZZAZIONE)  
cod: N01078 INTERAZIONE UOMO-MACCHINA (annualità: 1, ssd: -, canale: NESSUNA CANALIZZAZIONE)  
cod: N01149 INGEGNERIA DEL SOFTWARE (annualità: 1, ssd: -, canale: NESSUNA CANALIZZAZIONE)  
cod: N03314 LING. PROG.I:COMP. E LAB.INF.II:COMP. (2UD) (annualità: 1, ssd: -, canale: NESSUNA CANALIZZAZIONE)  
cod: N12032 LABORATORIO DI SISTEMI INTERATTIVI (cfu: 4, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)  
cod: N12034 INGEGNERIA DEL SOFTWARE I (cfu: 6, ssd: INF/01, canale: NESSUNA CANALIZZAZIONE)

**Durata dell'appello DAL 09/01/2017 AL 31/01/2017**



# Creazione appelli I

## Date appello

dal 09 / 01 / 2017 al 31 / 01 / 2017

## Gli studenti possono prenotarsi

dal: 22 / 12 / 2016 al 08 / 01 / 2017

## Avvisi e comunicazioni agli studenti

A large, empty rectangular text area with a white background, intended for entering notices or communications to students. It is located within a dark blue container.

# Creazione appelli II

Seleziona gli insegnamenti per A.A.:

☐ 2016/2017 ☐ 2015/2016 ☒ Entrambi

<input type="checkbox"/> Seleziona Tutto	Corsi Di Studio Selezionati			
<input checked="" type="checkbox"/>	2015/2016	ADVANCED SOFTWARE ENGINEERING (cod. 1047614 - INF/01 - cfu: 6, canale: NESSUNA CANALIZZAZIONE)	TRENTESIMI	<u>1 di 1</u>
<input checked="" type="checkbox"/>	2016/2017	ADVANCED SOFTWARE ENGINEERING (cod. 1047614 - INF/01 - cfu: 6, canale: NESSUNA CANALIZZAZIONE)	TRENTESIMI	<u>1 di 1</u>
<input checked="" type="checkbox"/>	2015/2016	INGEGNERIA DEL SOFTWARE (cod. 1022301 - INF/01 - cfu: 6, canale: NESSUNA CANALIZZAZIONE)	TRENTESIMI	<u>4 di 4</u>
<input checked="" type="checkbox"/>	2015/2016	INGEGNERIA DEL SOFTWARE (cod. N01149 - ann: 1, canale: NESSUNA CANALIZZAZIONE)	TRENTESIMI	<u>1 di 1</u>
<input checked="" type="checkbox"/>	2016/2017	INGEGNERIA DEL SOFTWARE (cod. 1022301 - INF/01 - cfu: 6, canale: NESSUNA CANALIZZAZIONE)	TRENTESIMI	<u>5 di 5</u>

# Creazione appelli III

**Membro della commissione**

Codice docente

Se non si conosce il codice del docente: [Ricerca docenti](#)

**Inserisci**

Nominativo	Azione
BOTTONI PAOLO GASPARE - 115884	<a href="#">Cancella</a>
LABELLA ANNA - 112054	<a href="#">Cancella</a>

# Servizi per studenti

Hello,



BOLLETTINI +



CERTIFICATI +



RICERCA APPELLI



ESAMI PRENOTATI



ESAMI REGISTRATI



STATISTICHE

**CORSI DI LAUREA**

**DOTTORATI**

**SCUOLE DI  
SPECIALIZZAZIONE**

**MASTER**

**CORSI  
DI FORMAZIONE**

**TIROCINI  
FORMATIVI ATTIVI**

**ESAMI DI STATO**

# Gestione corsi di laurea

## **CORSI DI LAUREA**

### **ACCESSO AI CORSI**

### **PROCEDURE SPECIALI**

- Orientamento in rete
- Gestione preferenze
- Magistrali sanitarie
- Bonus fratelli - sorelle

### **CORSI SINGOLI**

- Visualizza corsi
- Inserisci richiesta

### **TASSE**

- Primo anno
- Anni successivi
- Esame finale
- Tirocini

## **ESAMI**

- Prenota esami
- Esami prenotati
- Esami registrati
- Statistiche

## **BOLLETTINI**

- Bollettini Generati
- Bollettini Pagati

## **CERTIFICATI**

## **PERCORSO FORMATIVO**

## **OPINIONI STUDENTI**

## **PART-TIME**

# Pagamento tasse

➤ 1 DATI SUL CORSO ➤ 2 DICHIARA ISEE ➤ 3 DICHIARA LE ESENZIONI ➤ 4 CONTROLLA I DATI ➤ 5 VISUALIZZA E STAMPA

## Modalità di Pagamento

Dopo aver stampato il bollettino puoi pagare on line oppure a sportello presso Unicredit. Consulta la pagina <http://www.uniroma1.it/didattica/tasse/pagamenti>

## Cerchi il bollettino delle tasse?

Se ti sei immatricolato quest'anno: [CdI > Tasse > Primo anno](#)

Se sei iscritto da oltre un anno: [CdI > Tasse > Anni successivi](#)

#	Codice bollettino	a.a.	Importo da pagare	Rata	Descrizione corso di studi
1	200800004132773	2008	254,62 €	1/2	FORME E TECNICHE DELLO SPETTACOLO (CINEMA, TEATRO, TELEVISIONE) [LS (DM 509/99) - ORDIN. 2007]

[ristampa](#)[dettaglio](#)

# Gestione esami

ESAMI SOSTENUTI

22

ESAMI NON  
REGISTRATI

0

ESAMI REGISTRATI

22

CREDITI ACQUISITI  
(escluso corsi singoli)

96

CREDITI MANCANTI

24

CREDITI TOTALI

120

## MODULO RICERCA APPELLI

Facoltà

Corso

Insegnamento

☐

Docente

☐

# Servizi linguistici

- ElaN Languages
- LanguageLine Solutions
- Gestione del servizio
- Gestione del flusso di lavoro



## ElaN, your language partner

ElaN Languages develops and markets **language services for businesses**. We fuse the talents and passions of the best linguists in the world to turn language into an added value.

Our services include **specialised translations**, **customised language programmes**, **interpreting** and **HR-related language services**.

[Read more](#)

FREE TRANSLATION

FREE LANGUAGE TEST

SUBSIDIES

## Need a price quote?

Use the buttons below for an instant online quote. Whichever language service you need, we always provide a **fast, clear** and **accurate quote**.



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## Free test

ElaN Languages was the first translation agency in the Benelux to achieve the European **EN 15038** certification, the European quality label for translation services.



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[FREE trial](#)

## e-Foenk Your Language



Learning a language while reading the newspaper? This is now possible thanks to e-Foenk Your Language, a high-quality didactic tool with an edge. Curious about e-Foenk? **Register today and enjoy 1 month of free access!**

[Register for free!](#)

## Meet the ElaN team



# LanguageLine Solutions

## Interpreting

Eliminate language barriers in any situation through trained, professional interpreters over-the-phone, through LanguageU<sup>®</sup> video remote, and onsite. **Arabic video interpreters now on weekends.**

[Watch LanguageU<sup>®</sup> VRI Demo](#)

## Translation and Localization

All content types including documents, websites, training materials, multimedia and apps.

[Get a Quote](#)

## Personal Interpreter. Pay-As-You-Go Interpreting Services.

Connect with an interpreter now 24/7. Pay by the minute.



[Get Started!](#)

[Existing Customers](#)

**Latest News :** Excellence in communication

07/15/2015 - KXAN.com | Seton hospitals use technology to bridge language gap | KXAN.com

07/15/2015 - News Ra

## Industry Solutions

- > Healthcare
- > Enterprise
- > Utilities
- > Government
- > Insurance
- > Individual Businesses

## Interpreting Solutions

- > Access an Interpreter Now
- > Over-the-Phone Interpreting
- > Video Remote Interpreting
- > Face-to-Face Interpreting

## Translation Solutions

- > Document Translation
- > Localization
- > Request Guide to Translation

## Testing/Training Solutions



- > LanguageLine Academy
- > Testing Services
- > [NEW! eLPT and eIST](#)

## LanguageLine Solutions: Interpreting, Translation, Localization, Testing & Training

Join the largest and best trained team of interpreters and translators in the language services industry. Our language solutions include over-the-phone, on-demand video remote interpreting, and on-site interpretation, translation of documents, websites, and multimedia in over 200 languages. We also provide interpreter skill training and testing for your current and prospective interpreters and bilingual staff as well as ours through the LanguageLine Academy<sup>SM</sup>.

- > [Watch our Careers video](#)
- > [More about testing and training solutions](#)



# Portali per esperienze edonistiche

- Vivino: mondo viticolo
- RateBeer: mondo birricolo
- Informazioni commerciali
- User generated content
- Articoli redazionali
- Interazioni speciali nella versione mobile

# Vivino su web

- Base di dati relativa a vino (bottiglia)
  - Produttore, anno, informazioni generali, prezzi, etc.
- Servizi di ricerca
  - Ricerche predefinite
- Accesso a commenti di utenti
- Materiale redazionale
- Profili personali

# Servizio di ricerca



[Profile](#) [Wine News](#) [Top Lists](#) [Forum](#) [Retailers](#)



## Search Vivino

With Vivino you can compare prices, ratings and reviews. Simply type in your favourite wine below.



## Popular search items

Champagne  
Ace of Spades Champagne  
Tignanello  
Carole Bouquet  
Burgandy

Prosecco  
Moscato D Asti  
Apothic Red  
Domaine Carneros  
Crystal Champagne

Valencia Blackboard  
Menage a Trois Wine  
Riesling Wine  
Bordeaux Wine  
Burgundy Wine

[Next >](#)



### Top 100 popular wines

See the top 100 popular wines on Vivino right now

[Go to list](#)

# Ricerche predefinite

The screenshot displays the Vivino website interface. At the top, the navigation bar includes the Vivino logo, links to Profile, Wine News, Top Lists, Forum, and Retailers, and a search icon. The main content area is titled "Trending Wines by Price Range" and features three tabs: "Price around \$10", "Price around \$20", and "Price more than \$20". The "Price around \$10" tab is selected, showing four wine listings. Each listing includes a wine bottle image, the wine name, its origin, a user profile picture, the user's name, the time since the comment, a star rating, and a short review. A "BUY" button is visible under the first listing. Below the listings is a "SHOW MORE" button. The bottom of the page shows the "Vivino Top Lists" section. The browser's address bar shows the URL "https://www.vivino.com". The Windows taskbar at the bottom displays various open applications, including a start menu, Vivino password, Best Hipple Song, Vivino | Price com..., Pagina iniziale di..., Presentazione di..., viaBertola, Lezioni2015-2016, Skype™ - paulo..., Microsoft PowerP..., Immagine - Paint, and IT.


**Trending Wines by Price Range**

Price around \$10	Price around \$20	Price more than \$20	
<p><b>Cupcake Vineyards Moscato d'Asti 2011</b> from Asti in Italy.</p> <p><b>Cassie</b> commented 8 months ago ★★★★★ "Sweet and refreshing"</p> <p><b>BUY</b></p>	<p><b>Llano Estacado Sweet Red 2008</b> from Texas in United States.</p> <p><b>Cristina Silfuentes</b> commented 12 months ago ★★★★★ "Very fruity and sweet. Good for a casual dinner. I enjoyed it both cold and at room temp."</p>	<p><b>Roscato Bianco Dolce Sweet White</b> from Lombardia in Italy.</p> <p><b>Rebecca Cottle</b> commented 8 months ago ★★★★★ "Sweet and awesome!"</p>	<p><b>Valter Barbero Serena 2012</b> from Lombardia in Italy.</p> <p><b>Joshua Vaught</b> commented 9 months ago ★★★★★ "My girlfriend loves this wine: "smells so good! And tastes wonderful!" Also, it has a butterfly on the front, so it matches her sweet, lovely personality."</p>

**SHOW MORE**

**Vivino Top Lists**

# Schede su produttori

**WINERY**  
**Llano Estacado**  
 **Texas · United States** Winemaker: **Greg Bruni** [I own this winery](#)

**Facebook**  
Llano Estacado

**Twitter**  
@LlanoWine

**Website**  
[www.llanowine.com](http://www.llanowine.com)


**AVG. RATING**  
**3,7**  
★★★★☆  
1470 RATINGS


**88**  
WINES FROM THIS WINERY


Wines from  
**Llano Estacado**


**MOST POPULAR**

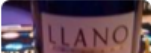
**ALPHABETICALLY**





**Llano Estacado**  
**Sweet Red**  
 **Texas · United States**  
**AVERAGE RATING**  
**3,9** ★★★★★  
144 ratings  
**AVERAGE PRICE**  
-




**Llano Estacado**  
**Blush**  
 **Texas · United States**  
**AVERAGE RATING**  
**3,8** ★★★★★  
125 ratings  
**AVERAGE PRICE**  
-



**Llano Estacado**  
**Moscato**  
 **Texas · United States**



**Llano Estacado**  
**Cellar Reserve Texas High Plains Tempranillo**  
 **Texas · United States**

# Schede su vino



## Llano Estacado Sweet Red

Texas · United States

Average Rating    Average Price

3,9 ★★★★★  
144 ratings

-

Featured Review by John Doe

"This is a particularly good red sweet wine. For anyone who enjoys sweets, it is the bomb. Also, it is from Texas, and everything in Texas is bigger..." [Read More](#)

### Reviews For This Wine

"I love my Texas reds! Fat Ass Winery also makes a really good one. I like this one though because it's got a wonderful nose, not overly dry but also not on the fruity sweet side either. My friends who don't like red wine normally like this one when they try it. It's not real complex, just nice inexpensive bottle from the Hill Country."



**Marci Booker**  
rated it 4,0 ★★★★★

[Comment \(1\)](#)    [Like \(19\)](#)

"Sweet, not as dry as most red wines"



**LaShanna Simmons**  
rated it 4,0 ★★★★★

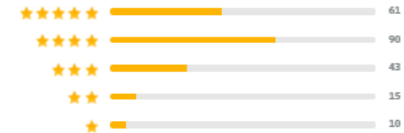
[Comment \(0\)](#)    [Like \(0\)](#)

[Show All](#)

### Winemaker's Notes

This deliciously fruity red wine displays an alluring blackberry flavor, with soft, round tannins that provide a rich mouth texture with just a hint of mint in the finish.

### Ratings Breakdown



### Food Pairing

Beef    Lamb    Spicy food  
Mature and hard cheese    Poultry

### Price Comparisons Based on Vintages

VINTAGE	AVG. RATING	AVG. PRICE
All vintages	3,9 <span>★★★★★</span>	-
NV	3,8 <span>★★★★★</span>	-
2015	4,0 <span>★★★★★</span>	-
2014	3,9 <span>★★★★★</span>	-
2013	2,0 <span>★★★★★</span>	-


[View all vintages](#)

### Winery

Llano Estacado  
Texas · United States



# Schede personali: giudizi e statistiche



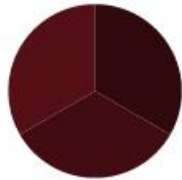
**Paolo Bottoni**  
Italy

RATINGS 5 RANK IN IT 50097

FOLLOWERS 0

FOLLOWING 0


Ratings by Regional Styles



LATEST RATINGS TOP RATINGS WISH LIST

ALMOST 2 YEARS AGO

Paolo rated this wine ★★★★★



Umani Ronchi  
**Rosso Conero Serrano 2009**  
Rosso Conero · Italy


AVG. RATING	AVG. PRICE
3,0	10.11
66 Ratings	EUR

Like Share

Write a comment

ALMOST 2 YEARS AGO

Paolo rated this wine ★★★★★




Cantina Tramin  
**Gewürztraminer Südtirol-Alto Adige Nussbaumer 2012**  
Trentino-Alto Adige · Italy


AVG. RATING	AVG. PRICE
4,0	21.29

Buy

# Schede personali: giudizi




**Umani Ronchi**  
**Rosso Conero Serrano 2009**  
🇮🇹 Rosso Conero · Italy


Average Rating  
3,1  66 ratings

Average Price  
10,12 <sup>EUR</sup>

Buy Online



**Savvy Wine Buys**  
No minimum order.





UNITED STATES

€10,12  
per bottle


Reviews For This Wine


"Rosso conero modesto... si lascia bere senza troppe pretese"



**Germano Genovese**  
rated it 2,5 

Comment (0) Like (0)




**Sonny**  
rated it 2,5 

Comment (1) Like (0)

Show All

Your Opinion

 3.0


Fruity, dry, good value, etc...

512


Save

More Options ▾


Latest Articles on Vivino



Vivino Is Now Faster than Ever



Bordeaux: Everything You Need To Know in 600 Words



The Grapes Used for Port

# Materiale redazionale

## New on Vivino



NEWS

### The Ultimate Guide To Pairing Wine with Halloween Candy

Add Halloween to your list of drinking occasions with this spooky guide.



NEWS

### Vivino Is Now Faster than Ever

The Vivino Wine App is better than ever, with a scanner that is now up to 40% faster and a new offline mode.



NEWS

### Bordeaux: Everything You Need To Know in 600 Words

Only have three minutes to learn about Bordeaux wine? Here's the essential information on the wine and region.



NEWS

### How To Make the Most of Your Leftover Wine

Wine should never be wasted, so get creative. Check out these three guides to making red wine syrup, vinegar and salt from your leftover wine.



NEWS

### The Types of Port Wine

Port wine is a sweet fortified wine from Portugal. With so many types and categories, Port wine can be intimidating and confusing.



NEWS

### 15 Architectural Masterpieces of the Wine World

These 15 wineries are architectural masterpieces, places we're sure you'll want to add to your travel bucket list.



NEWS

### The Grapes Used for Port

These are the five most used grapes in Port wine, which is a sweet wine only made in the Douro region.

# Vivino app

Never Pick Another Bad Wine

DOWNLOAD ON THE App Store

GET IT ON Google play

DOWNLOAD FOR Windows Phone

1 Take a Photo of Any Wine Label

2 Get Reviews, Rankings & Pricing

3 Add Your Own Reviews & Ratings

Learn More About The Vivino App

martin & anna ARNDORFER  
Martin & Anna Ayndorfer  
Von Den Terrassen 2011  
AVERAGE RATING 4.2 AVERAGE PRICE \$51

# RateBeer

- Base di dati su mondo birraio
  - Birrifici, birre, pub, etc.
- Servizi di ricerca
- Commenti utenti
- Promozione eventi
- Flusso informazioni

# Eventi e live stream



Sign Up or Login : Advanced Search



Local

Ratings

People

Shop

Events

Places

Forums



Advance your  
UI Design Skills



Enroll Now >

interaction-design.org

## RateBeer Best Tickets On Sale Aug 30

Welcome! Existing members sign in

User Name

Password

☒ Remember me on this computer

Sign in

New? Join us. Sign up is fast, free

Desired User Name

BeerName00

Valid Email (for verification)

myemail@host.com

Create a password



### Recent Activity from around RateBeer



jfb from Freising just added the beer **Hirter Beerique Imperial Porter**



markoijelena from Belgrade just checked in at **Beer House**



Holmen1 from Stavanger just added a place review of **Maynard Arms (Greene King)**



niquillis from Stoke on Trent just added the beer **Abbeydale Cinder-Hella**



# Accesso a servizi

## Beer Reference

Beer encyclopedia, Beer styles guide, A guide to rating beer, A sample beer library, Beer glassware guide, Your beer tasting palate, Beer and cheese, RateBeer Glossary, Mail order beer, More...

## Brewer Resources

Improve beer sales, increase consumer education with point of sale promotions. Order professional quality beer bottle neckers, or make your own shelf tags. [More](#)

## Beer Retailer Resources

Improve beer sales, increase consumer education with free shelf tags and more.

## Beer Ratings

Our 100-point scale beer ratings  
New beers, Beer search, **RateBeer Best**, Browse by brewer, By country, Last 90 days, Latest ratings, About our ratings, More...

## People

Our world wide community of beer raters  
User search, Gadgets, Most beer ratings, Beer raters of the year, The 100 Beer Club, Most top 50 beers sampled, More...

## Breweries

Our RateBeer worldwide brewery directory

## Beer Local Guide

Find beer festivals, craft beer shops and best beers available near you.

## Beer Events

Beer festivals and tastings  
Find beer festivals, RateBeer Best, Beer events calendar, Add a beer event, More...

## Beer Places

Travel resources for craft beer enthusiasts  
Beer place search, RateBeer Brew Tours, Brewpubs Directory by State, Brewpubs Directory by Alpha, Mail Order Beer, Add a beer place, More...

## Homebrewing Beer

Homebrew forum, Homebrew recipes, Mail order resources, How to start beer homebrewing, More...

## RateBeer Store

Get your Rate Beer merchandise  
The RateBeer Tee, Rate Beer Premium Membership

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reserved.

### about us

About RateBeer  
FAQ  
Contact/Feedback  
New Beers

### add

Advanced Search  
Add A Beer  
Add A Brewer  
Add A Place  
Events

### membership

Log In  
Edit Personal Info  
Buy Premium Membership  
Your Messages

### the best

RateBeer Best  
100 Beer Club  
The Top 50



# Community building I

## Meet Our Newest Members

✉ Jhonns	Spain
✉ BobGor	Melbourne, Australia
✉ tommy20	Jakarta, Indonesia
✉ NastyNasty	Saint-Petersburg, Russia
✉ christinaherman	Sinfonia, Surrey
✉ amcnic	Bendigo, Australia
✉ finewine	Billingshurst, West Sussex
✉ gcheiram	Alegrete, Brazil
✉ madelyn13	New Jersey, New Jersey
✉ Dkipper	Wisconsin

*Send these people a greeting!*

## TOP RATERS, Oct 2015

	team88	754
	DSG	564
	Travlr	562
	Theydon_Bois	534
	madmitch76	487
	jtclockwork	386
	cgarvieu	359
	Hermod	356
	Stuu666	351
	Benzai	345
	Beerhunter111	333
	fonetan	326

## we are the ratebeerians

**D**iscover the RateBeer community where you live. It's a great way to introduce yourself to the excellent beers and beer people around you. RateBeer is not just an online pub. It's an offline group of beer enthusiasts who care about what's important in life. Get involved with your local. You'll be glad you did.

More RateBeer community fun both here and abroad:



## Top Raters

Most Beer Ratings  
Most Place Ratings  
Most Breweries  
Most Beer Ratings in 2015

## By Style and Region

**P** Top Raters By Style  
Most Countries Sampled - Drink a beer in every country around the world  
Most Ratings by Country - The top raters from the countries of the world  
Top Raters By Country - Most ratings from brewers of a certain country

Most States/Provinces Sampled - Collect all the US states, Canadian provinces  
Top Raters in a State/Province - The top raters from the listed subregions  
Most Ratings of a State/Province - Most ratings from brewers of a certain state/province


## Places, Availability, Editing

**P** Top Mayors  
Top Places Editors  
Most Beers Entered  
Top Distr. Contributors





# Community building II

	Trawlr	562
	Theydon_Bois	534
	madmitch76	487
	jtclockwork	386
	cgarvieuk	359
	Hermod	356
	Stuu666	351
	Benzai	345
	Beerhunter111	333
	fonefan	326
	Koelschrinker	319
	TBone	307
	Leighton	303

## Latest User Pics



✉ ThirstyBonobo



✉ finewine



✉ hopnectar



✉ Stouts007



✉ Beleg

## Top Raters By Country - most ratings from brewers of a certain country

Most States/Provinces Sampled - Collect all the US states, Canadian provinces

Top Raters in a State/Province - The top raters from the listed subregions

Most Ratings of a State/Province - Most ratings from brewers of a certain state/province

## Places, Availability, Editing

📍 Top Mayors

Top Places Editors

Most Beers Entered

Top Distr. Contributors

## More Lists...

Award Points Leaderboard

Most Top 50 Beers Sampled

📍 Top Raters of Big Beers - See who has rated the most big beers (10%+ ABV)

📍 Top 50 Raters of Brewpubs - Some people collect brewpubs

📍 Top 50 Traders - The most active beer traders on the site

📍 Buddies - Top beers by your friends and more

## User Group Lists

The Masters Division - The elders

The Stouties - Lovers of stout

Belgiephiles - Belgian beer fans

Sourheads - Fans of lambic and sour ale

The Palestrong - Strong pale ale fans

Pilsagerin - Pilsner and lager lovers

Baby's Got Bock - Favoring bocks and strong lagers

Weizenvölker - Fans of wheat beers

The Sessionistas - Session style freaks

The Others - Strange brew

Solo Sake - Just drinkers of sake

The OutCiders - Fans of cider, mead, and sake

The Top Women Raters - The top female raters



# Assegnazione di punteggi

$$\text{weighted rank (WR)} = (v / (v+m)) * R + (m / (v+m)) * C$$

where:

R = average for the design (mean) = (Rating)

v = number of votes for the design = (Rate Count)

m = minimum votes required to be listed in the top  
beers list (varies according to average of ratecounts for  
top 50 beers)

C = the midpoint of the scale (2.75 in our case)

A percentile rank is the proportion of scores in a distribution that a specific score is greater than or equal to. For instance, if a beer received a score of 3.9 and this score was greater than or equal to the scores of 88% of all beer, then its percentile rank would be 88.

# Ratebeer mobile

## Android Mobile Apps



### Beer Buddy Android

Score lookup, online/offline rating, ticking, \*ADD A BEER\*, read forums and messages, beer events and more. Often updated.

Download now from the Google Play app store. \$0.99

Download Now



### RateBeer Android

Score lookup, online/offline rating, ticking, read forums and messages, beer events and more. Often updated.

Download now from the Google Play app store. FREE

Download Now

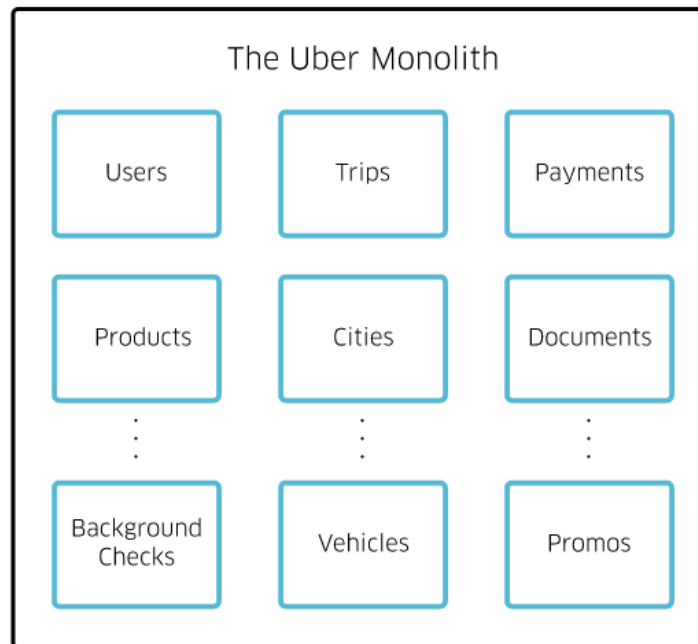


# Sistemi di mobilità

- Uber
- Car2Go

# Uber: noleggio con conducente

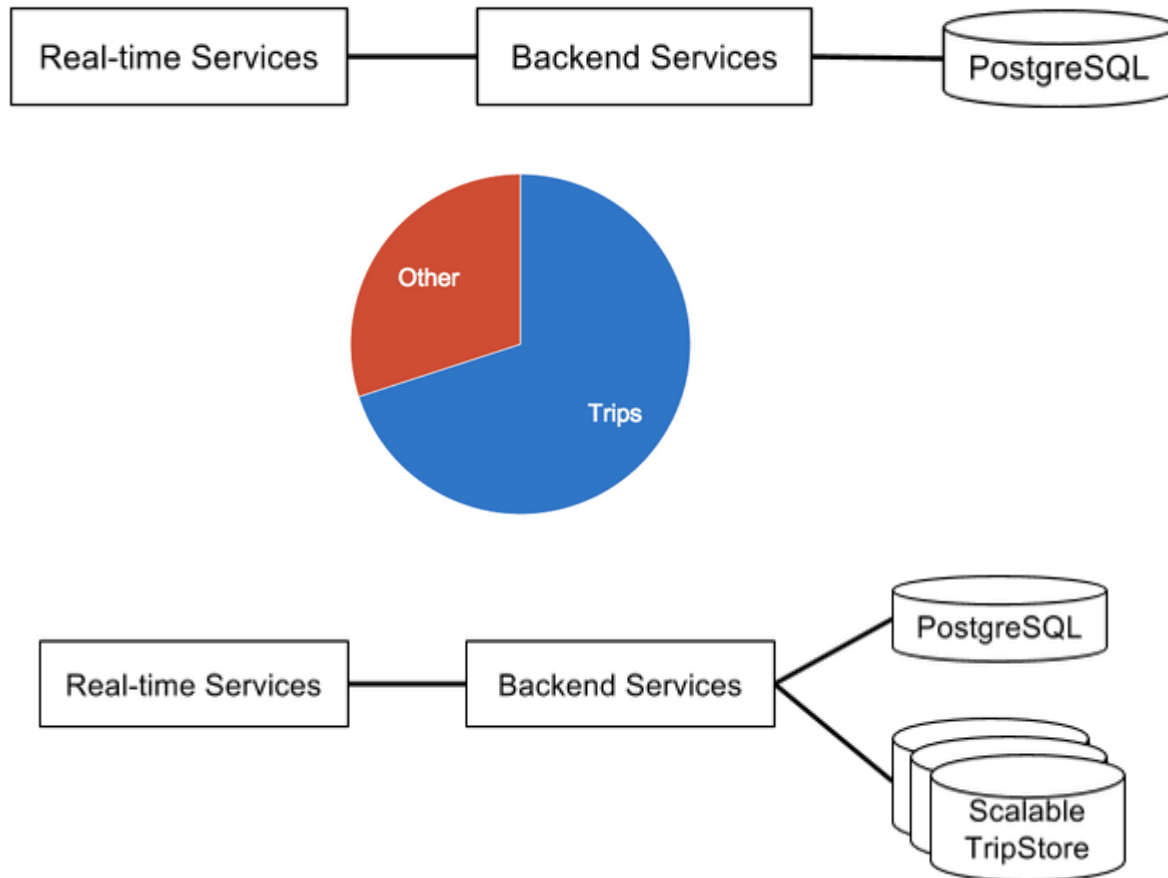
- Architettura basata su servizi
  - Realizzazione con microservizi
- Evoluzione da struttura monolitica



# Servizi offerti da Uber

- Offrire disponibilità: autisti
- Richiedere viaggio: clienti
- Trovare viaggio disponibile
  - Marketplace
- Gestire pagamento
- Estensioni per cibo e consegne

# Struttura distribuita



# Integrazione di servizi

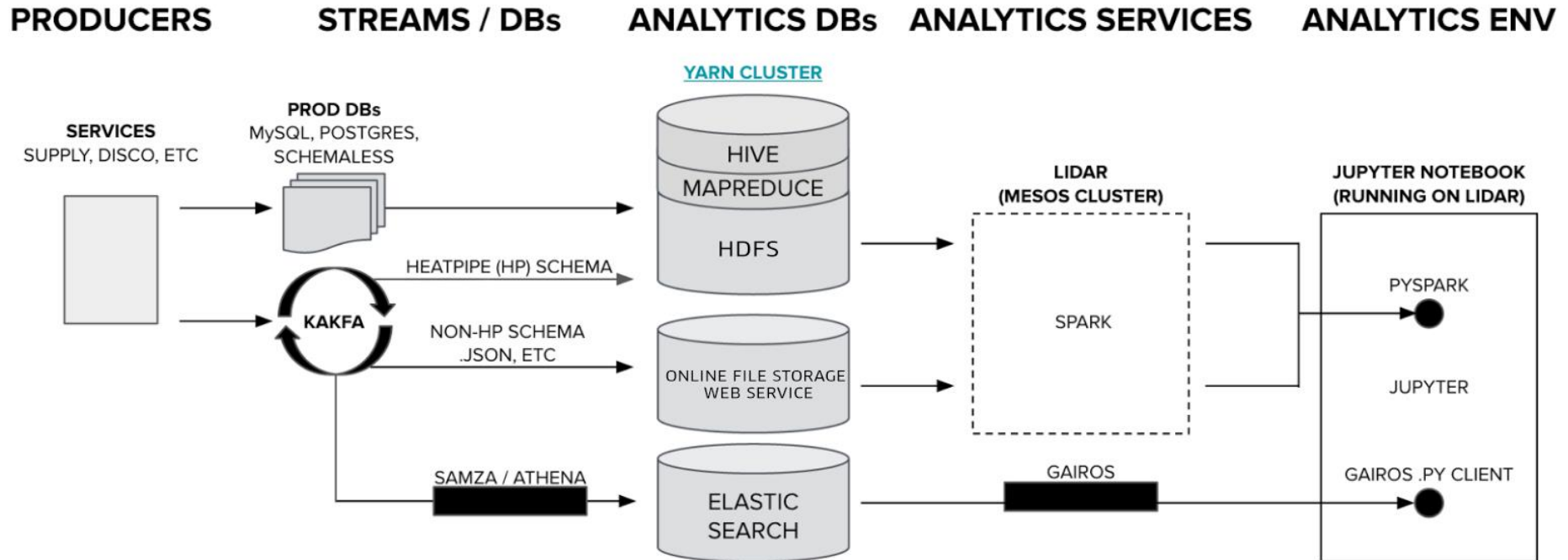
- Verso gli utenti
  - Mappe
  - Geolocalizzazione
  - Pagamenti
- Verso gli amministratori
  - Metriche
  - Logging
  - Visualizzazioni
  - Individuazione anomalie



# Aspetti algoritmici

- Associazione di richieste e offerte
- Valutazione ETA
- Determinazione prezzo

# Servizi di analisi



# Interfaccia mobile

- Android driver
- Android rider
- iOS driver
- iOS rider

# Car2Go: gestione parco macchine

## How it works

Thanks to car2go, carsharing has never been easier. Register, validate and drive – with car2go you always have a car when you need one.



### Join

Sign up now to drive and enjoy flexibly and unlimited options car2go offers.



### Search & Reserve

With the car2go app you see immediately which cars are available nearby. Choose one and reserve it up to 20 minutes before departure.



### Drive

Use your car2go app to start your rental, then simply drive to your destination.



### Park

You can park your car2go for free on every public parking lot within the car2go home area. Private and corporate parking lots are taboo for car2gos.\*

# Località e ubiquità

- Utenti registrati possono usare mezzi in ogni città
- Mezzi legati ad area operativa
  - Estensione ad aeroporti

# Accesso all'auto

- Tessera magnetica
- PIN su cellulare

# Soluzione di tipo enterprise

- **Software**
  - IBM® WebSphere® Application Server
  - IBM WebSphere MQ
  - IBM WebSphere MQ Telemetry Transport (MQTT)
  - IBM DB2®
  - IBM UrbanCode™ Deploy
- **Services**
  - SoftLayer®, an IBM Company
  - IBM Managed Services

# Sviluppo di funzionalità a Car2Go

