



# Moodle Course Search

Google Summer of code 2013

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## bash-3.2\$ whoami

- An active member of **Linux user group bikaner**
- Participated in Google summer of code 2013 with moodle
- Mentored Google code.in for sugarlabs
- Author of course search plugin moodle
- Founder, Site Down Notifier - A monitoring service [www.sitedownnotifier.com](http://www.sitedownnotifier.com)
- Reviewer **Moodle 3 Administration, Moodle Administration Essentials & Git Version Control Cookbook**
- More Sites - paperquotes.com, omgowl.com, findmyfbid.in etc.



# Open Source & why it matters

- Helps you improve your existing skills
- Meet people with similar interest
- All your work is public, available to demonstrate
- Learning new skills
- Ask your mentors, help people



# Google summer of code ( Getting started )

- Understanding the echo system
- Good communication skills
- Keeping eye at your competitor
- Contribution
- Discussing the solution with your mentor
- Getting a well written proposal
- Project timeframe



# Course search - Problem Description

- Advanced Course Search that is flexible, case-insensitive, fast and can sort results by relevance.
- Most importantly it should work consistently on different Database engines and different content languages.
- The deliverable includes a functional advance search plugin for Moodle that can be installed and configured to substitute basic core search.



# Search Options

- Autocomplete
- Keyword Matching
- Wildcard Search
- Fuzzy search support
- Range queries

## NAVIGATION

## Home

- My home
- Site pages
- My profile
- My courses

## ADMIN BOOKMARKS

[bookmark this page](#)

## ADMINISTRATION

- My profile settings
- ▾ Site administration
  - ⚙ Notifications
  - ⚙ Registration
  - ⚙ Advanced features
- Users
- ▾ Courses
  - ⚙ Add/edit courses
  - ⚙ Course default settings
  - ⚙ Course request
  - Backups
  - ⚙ **Advance course search**
- Grades
- Badges
- Location
- Language
- Plugins

## Advance course search settings

Advanced Course Search plugin replaces the default Moodle Course search with powerful Solr search.

[Collapse all](#)

### ▾ Apache solr configuration

Solr Host\*

Solr Port\*

Solr Path\*

### ▾ Actions

### ▾ Options

Enable spellchecker & suggestions

Index course overview files

Index course summary files



# Contributing to Open Source

- But I don't know to code? Can I still contribute, YES!
- Things to care
- Finding a right project

***Yes, it's scary. But SO rewarding!***





# Getting started with moodle?

- Backed by strong community
- Any language
- Up to date
- Highly flexible & customizable
- Secure, Private, Scalable
- Anytime, Anywhere, Any device
- Forums / IRC, happy to help people :)



# Credits

Mentors:

Marina Glancy - <https://github.com/marinaglancy>

Michael de Raadt - <https://twitter.com/salvetore?lang=en>



# Questions?

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