


Case Study: Building an Enterprise Collaboration Site using Liferay

Kedar Bhise
Sr Architect, CTO Office
Zensar Technologies

Existing Intranet Portal


← → ↻ 1 104:9000/group/10208/9 ☆ 🔍

Quick Links >> Emergency Numbers Welcome Karthik Kumar M [Sign Out]



Zenlounge
Powered By ZenSAR

Same name. Completely new Experience!
Starting 26th January 2013





ZenSar
TECHNOLOGIES
Your Transformation Partner

Zenlounge Search **Go** →

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**** Zenlounge w**

Applications

Please [click here](#) for individual Application Support Details

- [Associate Self-Service](#)
- [ZenSRF](#)
- [Zenlms](#)
- [Information Services Service Desk](#)
- [ePMP](#)
- [Self Service Password Change](#)
- [Conference Room Booking](#)
- [Eform](#)
- [JobCard](#)
- [ProjectDirector](#)
- [Travel Portal](#)
- [Zenrich Portal](#)


More Applications ▾

Annual Excellence Awards 2012



**ANNUAL
EXCELLENCE
AWARDS**

SERVICE AWARDS





TOP GEAR AWARDS

Thought for the Day

"It's not the load that breaks you down, it's the way you carry it."

Lou Holtz

Zensar Announcement

Banned Users

Announcement	Post Date
Admin & Travel Newsletter for quarter ending December 2012	02 Jan 2013,03:40 PM

104:9000/group/10208/annual-awards-2012

Existing Intranet Portal



CSR Community

Home

Homepage is changing to a new platform. We are migrating all your contributions made on or before 21-Jan-2013. ** Calling all Jugnus to JUGNU Workshop!! Click [here](#) to

Navigation

CSR Home

ZenCares Foundation

CSR Calendar

Change Makers

Case Studies

Announcements

Zencares - Zensar Corporate Social Responsibility



[Environment](#)



[Health](#)



[Education](#)



[Socio-Economic](#)

Zensarcares Announcements

[5th July 2011-CSR update-Calling for applications for Environment Steering Committee.](#)

[4th Jan 2011: CSR Update - Launch of Weekly Medical Clinic at the Hyderabad Community](#)

[5th Dec 2010: Pune International Marathon 2010 - Race against AIDS](#)

[1 Oct 2010: Joy Of Giving Week - Support Art](#)

[2 Oct 2010 : Joy of Giving Week- Come Alive-Rush in for nominations](#)

[29th Sep 2010 to 2nd Oct 2010 : Joy of Giving Week](#)

[19 Dec 2009 : Letters to tomorrow: Celebration of our Living Culture](#)

[18 Dec 2009 : Lets bring the spirit of Christmas alive with Navkshiti](#)

[15 Dec 2009: WE Session with S.V Nathan \[View Details\]\(#\)](#)

[1 Dec 2009: SAVE Mishtu \[View Details\]\(#\) \[View News Article\]\(#\)](#)

[24 Nov 2009: Pune International Marathon- AIDS Charity Run on 6 Dec 09. \[View Details\]\(#\)](#)

Existing Intranet Portal

- Based on Liferay
- Multiple portlets using default Liferay functionality
- One way communication
- No avenue for employees to communicate and collaborate with each other
- Mostly static content, updated periodically

Connect

Collaborate

Create

Combine





Enterprise Social Platform



Zenlounge Plus is a Zensar's social platform where, all the employees are linked with a common tread. Each and every member can actively collaborate, contribute and express himself within the network.

Zenlounge Plus relishes togetherness and help building global team.

A screenshot of the Zenlounge+ web application interface. The browser address bar shows "zzenloungeplus.com". The page header includes the Zenlounge+ logo and the Zensar Technologies logo. A search bar is present with the text "Everything" and a "Go" button. The main content area is divided into several sections: a user profile for Kedar Bhise (Solution Architect), a "Thought for the day" quote by Carl Bard, a "Channel Profile" for Zenloungeplus Admin, and a list of "Applications" such as Associate Self-Service, ZenSRF, and Zenlms. A navigation menu on the left includes "Channel", "Announcement", "Profile", and "Album".



Channel Announcement Profile Album **Blogs** Forums Documents Videos Insights

Happy Birthday to

- Amit parad
- Anand Bhujade
- Anoop Agarwal
- Ashok Kumar Nagarajan
- Gopal Reddy Vangala
- Muralidharan Viswanathan
- Nikhil Vijay Shembekar
- Nitesh Doshi
- Paras Pandey
- Parikshit Musale
- Pavan Modugu
- Rajesh Madankar
- Rohan Londhe**
- Shahaji Kirulkar
- Snehal Dixit
- Swapnil Bende
- Trupti Mansukh
- Vineet Lodha
- Yagya Mishra

Community Members

If I Had To Create A Mobile App

My colleague and a great friend when tossed this topic to me "If I had to create a mobile app" I immediately replied back "I will make sure it earns money for me". This is especially when I know that the "Angry Birds" mobile game has gross sales of \$7 million for iPhone alone. The mobile market worldwide is \$1.3 trillion which is close to 2% of world's GDP and India is having subscriber base of close to 800 million. I am sure you would still be finding people around you getting added to this community of mobile users. My point... it is growing. Earlier one mobile device used to be a prestige issue and now many of us are having more than 1 mobile device. The most amazing fact is that India's subscriber base is bigger than the combined population of USA, Indonesia and Brazil. Rural area in India, has only 1/3 of the subscriber's pie, is still not explored completely.

So if I make one mobile application and charge INR 10 per download and assume it is downloaded by 1% of the mobile subscribers in India then I would end up making INR 80 Lakhs :)

Well it is not that easy :(Currently 8% of the entire subscriber base of India is using their mobile for accessing internet as compared to Japan and China having more than 40% subscribers connecting to internet. Assuming that India's share on "mobile subscribers using internet" will also

Our Culture

- Fun
- Fast
- Flexible
- Focus
- Friendly

Support

- Zen Support
- HR
- Administration
- Quality
- Corporate
- Information Services
- Finance
- EMD
- Policies HelpDesk

Blogs Recommended

- If I Had To Create A Mobile App Love jaisa kuch nahin... Perhaps!!! (1,2,3 & 4th Part)
- Love jaisa kuch nahin... Perhaps!!! (5th Part)
- Important Lesson To Know When You Start Financial Life.
- Mobility: Chicken Soup for a Code Junkie's Soul (Part 1)

first < prev next > last



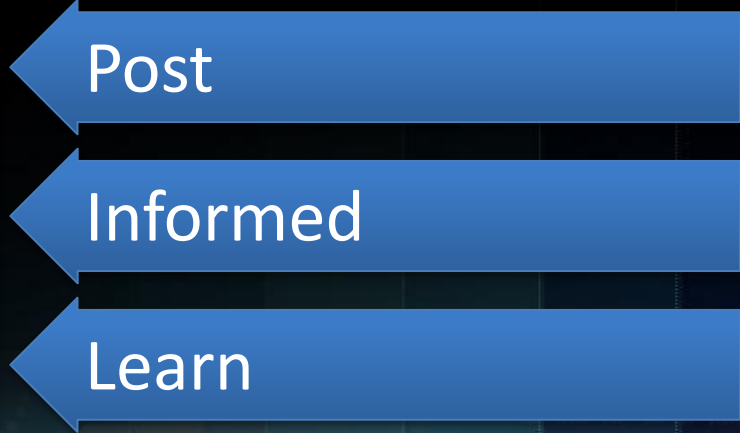
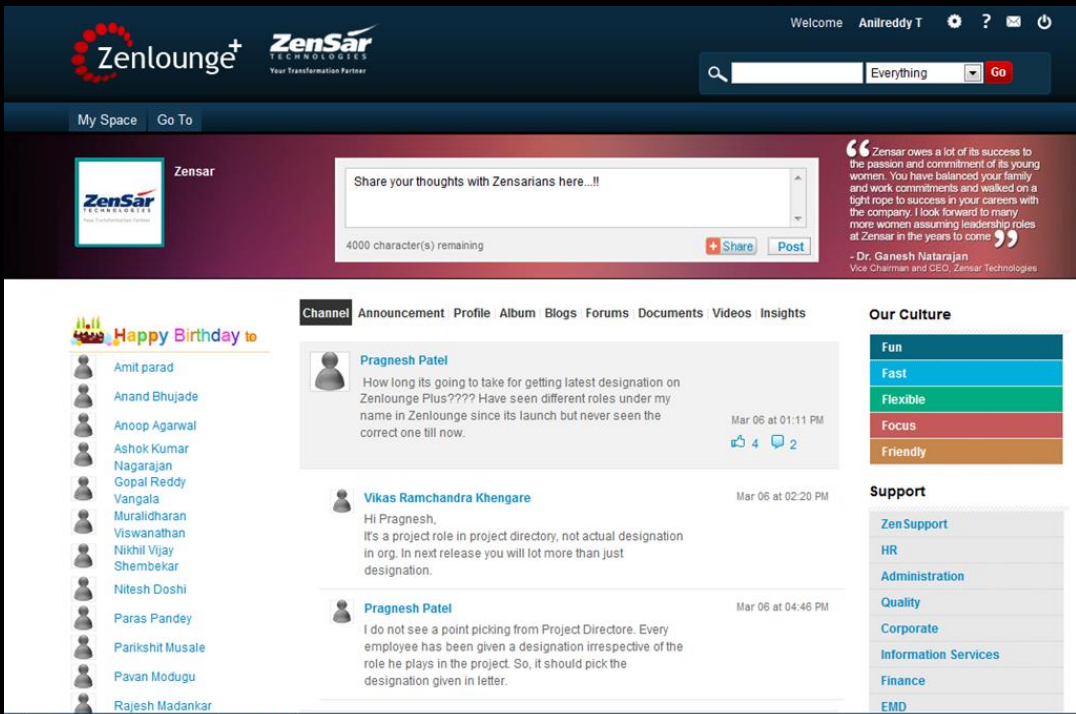
Share

Interact

Excite

Read Blogs, Write Blogs and share it with friends. Contribute to the knowledge bank easily available for everyone !





See who is doing what ! – on Community Wall .
 That's why it says -Stay updated and stay connected !





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Share your thoughts with your friends here...!!

Share

Communities Friends

Scope	SHARE
Vaishali Hirve	<input type="checkbox"/>
Imran Shaikh	<input type="checkbox"/>
Karthik Kumar M	<input type="checkbox"/>
Vikas Jain	<input type="checkbox"/>
Vikas Ramchandra Khengare	<input type="checkbox"/>

first < prev 1 2 3 4 5 next > last (1 of 6) (Total 6)

“Zensar owes a lot of its success to the passion and commitment of its young women. You have balanced your family and work commitments and walked on a tight rope to success in your careers with the company. I look forward to many more women assuming leadership roles at Zensar in the years to come.”
- Dr. Ganesh Natarajan
Vice Chairman and CEO, Zensar Technologies

Applications

Please click here for individual Application Support Details.

- Associate Self-Service
- ZenSRF
- ZenIMS
- Information Services Service Desk
- ePMP
- Self Service Password Change
- Conference Room Booking
- Eform
- JobCard
- ProjectDirector
- Travel Portal
- Zenrich Portal

More Applications

Friends

Network

Insights

Stay tuned with friends and peers
Share your thoughts, raise your
voice ...





Balavardhiraju Gangula Not Available Developer 58119 RS-010 balavardhiraju.gangula@zensar.in

Share your thoughts with your friends here...! 4000 character(s) remaining +Share Post

“Zensar owes a lot of its success to the passion and commitment of its young women. You have balanced your family and work commitments and walked on a tight rope to success in your careers with the company. I look forward to many more women assuming leadership roles at Zensar in the years to come.” - Dr. Ganesh Natarajan Vice Chairman and CEO, Zensar Technologies

Thought for the day

“Success consists of going from failure to failure without loss of enthusiasm.”

-Winston Churchill

Channel Profile Profile Information Testimonials Accolades

Add Accolade

Accolade post by Venkateswarl u Telaprolu: BRAVO! Good Work..

- Applications: Associate Self-Service, ZenSRF, ZenIMS, Information Services Service Desk, ePMP, Self Service Password Change, Conference Room Booking, Eform, JobCard, ProjectDirector, Travel Portal, Zenrich Portal



Accolades

Recognize

Culture

Strengthen your bond - Post testimonials and accolades to appreciate your colleagues



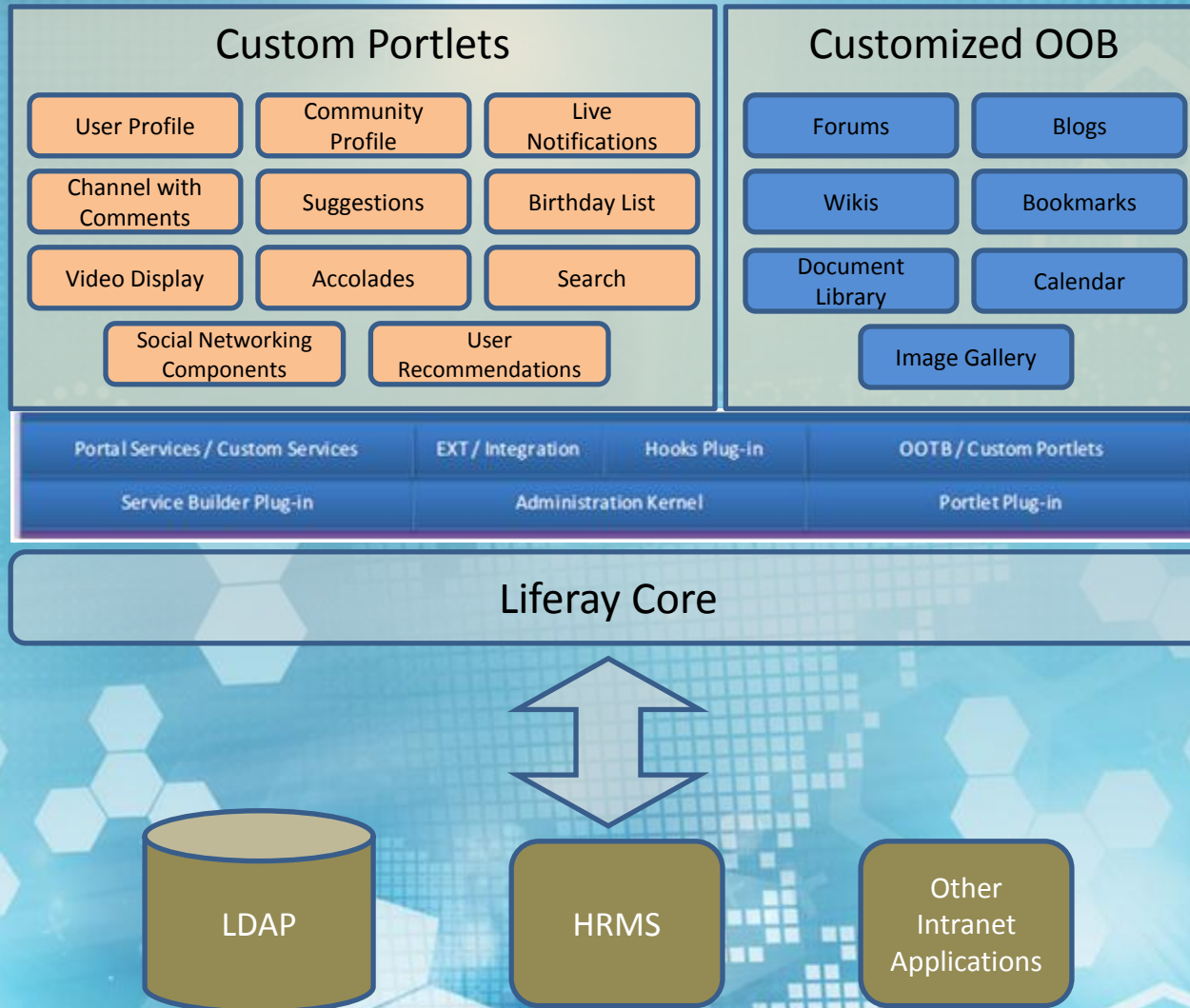
Solution Highlights

- True Collaboration Intranet platform
- Complete Open Source Stack
- Liferay 6.0.6, Tomcat 6.0.29, CentOS 5.8
- Heavily customized or custom built functionality – 60% new
- Integrated with existing intranet applications via portlets
- Integration with Solr search engine
- Twitter feed integration

Why Liferay?

- Enterprise Open Source –
Reduced risks as support is available for enterprise.
- Based on open standards.
- Ability to integrate with multiple other systems
- Multi Tenancy –
allows to host multiple web portal on one portal stack
- OOB Functionality, which can be extended via hooks or plug -
ins resulting in faster development & reduced cost
- Highly Scalable/Reusable
- Cost Effective

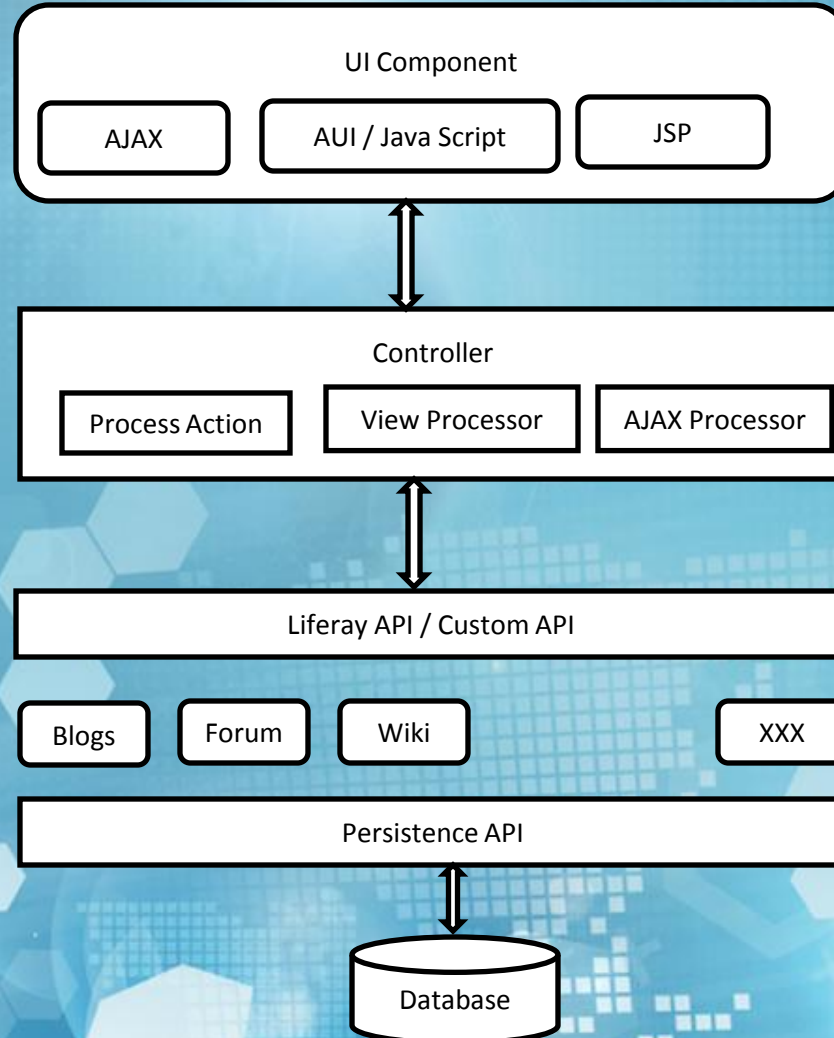
Solution Architecture



Solution Details

- Custom Portlets for adding new functionality
 - Extend Friends – Shared Friends
 - Suggested Friends
 - User Profile
- Custom Services
 - Testimonials, Accolades, Share, Community Portrait
- Share functionality is completely custom built, not available in Liferay
- Customized OOB Liferay portlets through Hooks & EXT environment
- Communities function extended to provide “Villages”
- Custom Layouts and Theme

Custom Portlets



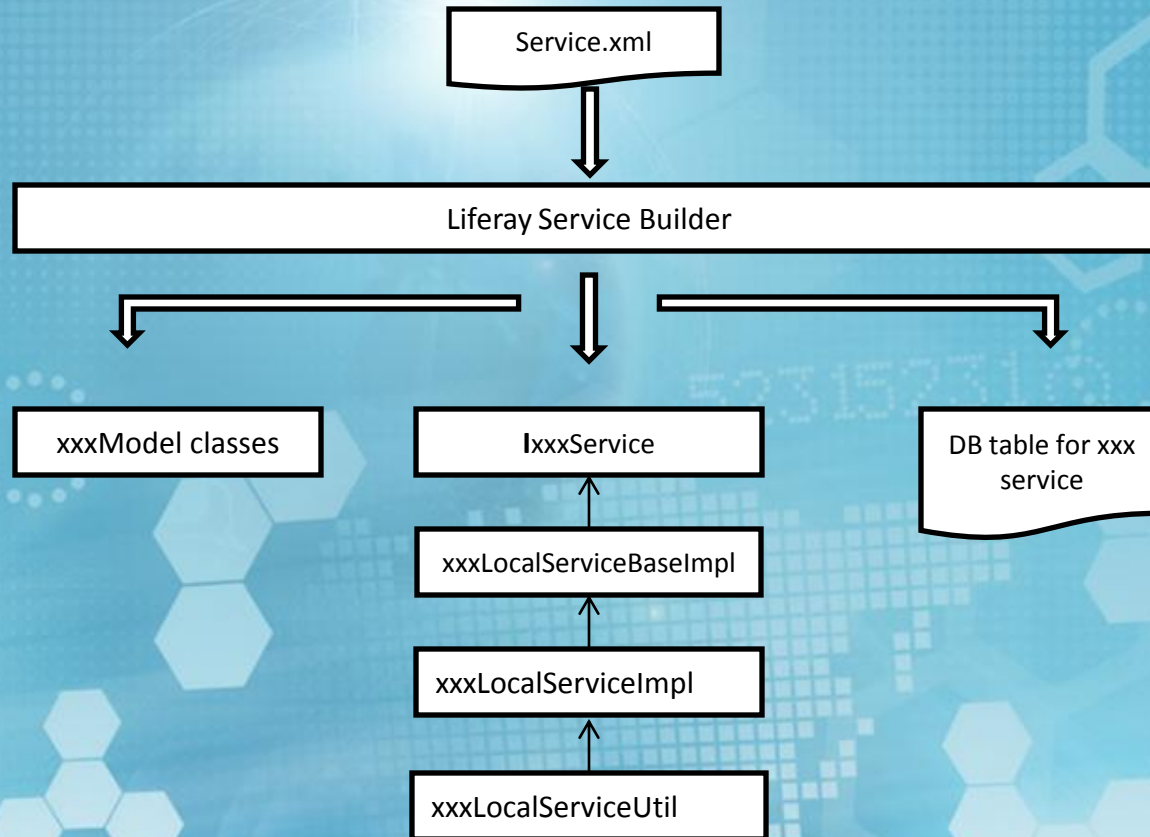
Sample service-builder.xml

```
...
<service-builder package-path="com.zensar.spark.recommendation">
  <namespace>spark</namespace>
  <entity name="Recommendations" local-service="true" remote-service="false">

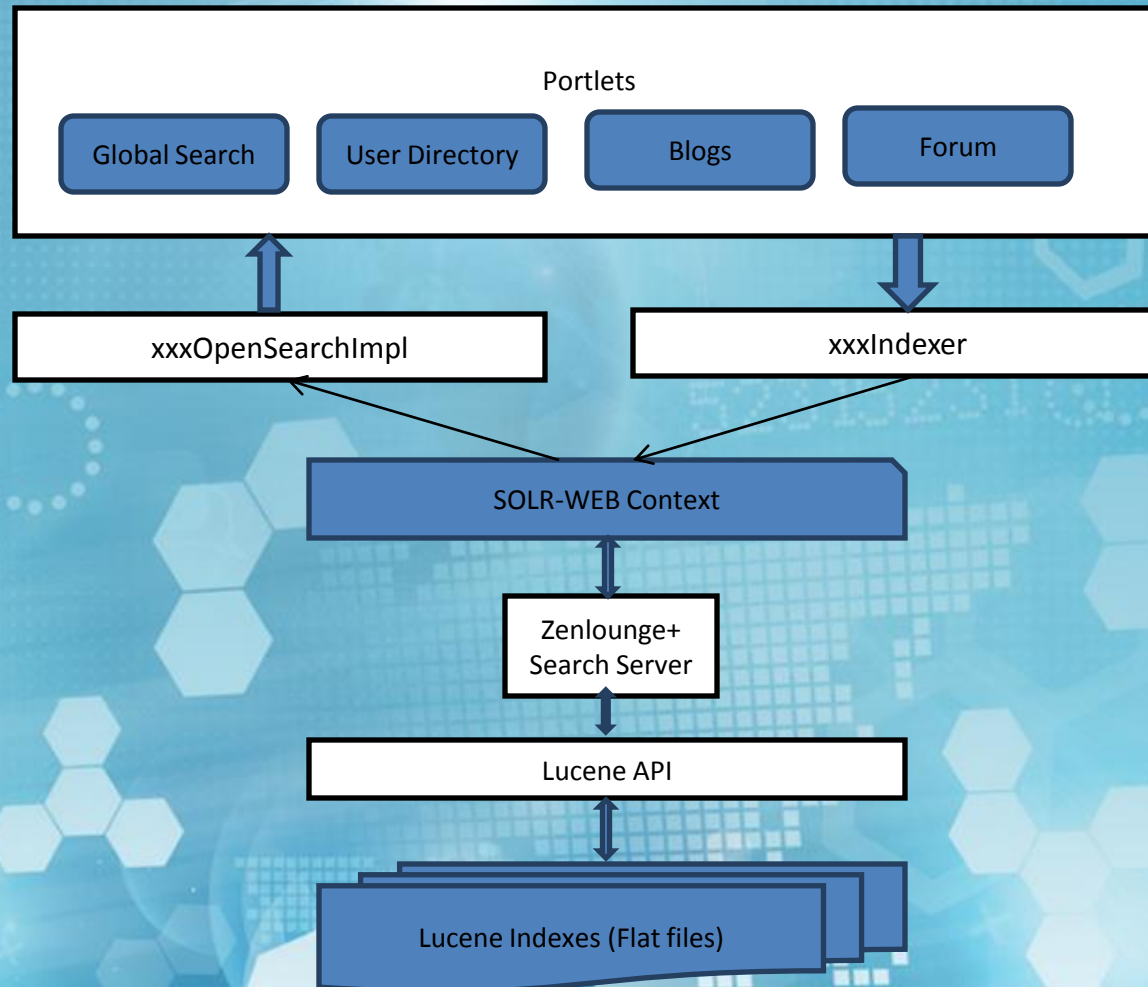
    <!-- PK fields -->
    <column name="entryId" type="long" primary="true"></column>
    <column name="companyId" type="long" />
    <!-- From user id -->
    <column name="fromUserId" type="long"></column>
    <!-- To user or group -->
    <column name="toUserOrGroupId" type="long" />
    <!-- Whether Group or User-->
    <column name="toModelName" type="String" />
    ...
    <!-- Contents - text, link -->
    <column name="content" type="String"></column>
    <!-- Recommendation create date -->
    <column name="createDate" type="Date"></column>
    <!-- Finder methods -->

    <finder name="T_T" return-type="Collection">
      <finder-column name="toUserOrGroupId"></finder-column>
      <finder-column name="toModelName"></finder-column>
    </finder>
    ...
    ...
  </entity>
</service-builder>
```


Building Custom Services



Solr Integration



Current State

- Around 300 positive responses within a couple of days of launch
- Increased collaboration and knowledge sharing between employees
- Recommendations and Accolades are a big hit
- IS team has the ability to add new functionality via customization or custom portlets

Thank You