AGROPEDIA:
AN EXAMPLE BACKEND

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What is agropedia?

• The *Backend* of services related to agriculture
• Could be of any domain
• Consists of things like
  – Knowledge management system
    • Tools
  – Social media
    • Forums, (FB, Twitter, Linkedin..)- style, vKVK-style
Knowledge Manager

• A repository of

• An automatic tagging
  – Embedded agriculture knowledge

• A faceted browsing information

• An automated Push
Connect to Social Media

• Home page
• Twitter – posts are tweeted
• Facebook – post in one’s activity log
How is a KM Platform different from a website/portal?

- Both are accessed over the web
- Both can browsed/searched?

- In a KM platform a document is *live*
- It forms relationships
- It computes
- Allows comments and reviews
What does it compute?

• Faceted tags:
  – Crop name
  – Agrotags

• Attachment processing
Four way connect

• Document to Document – Similarity
• Document to People - Viewers
• Document to Document – other publications by the same author
• Document to Document – viewers views
Agropedia is a

- SaaS platform
  - Easy to create agropedias
  - Each institute has their own agropedia
  - Sub-sets can form *unions*
The architecture is generic

• You can build
  – semantically enabled
  – knowledge management platforms
  – with delivery networks and
  – connects to social media for
  – any domain
THANK YOU