

RAMADDA: Content Management for the Earth Sciences

Jeff McWhirter

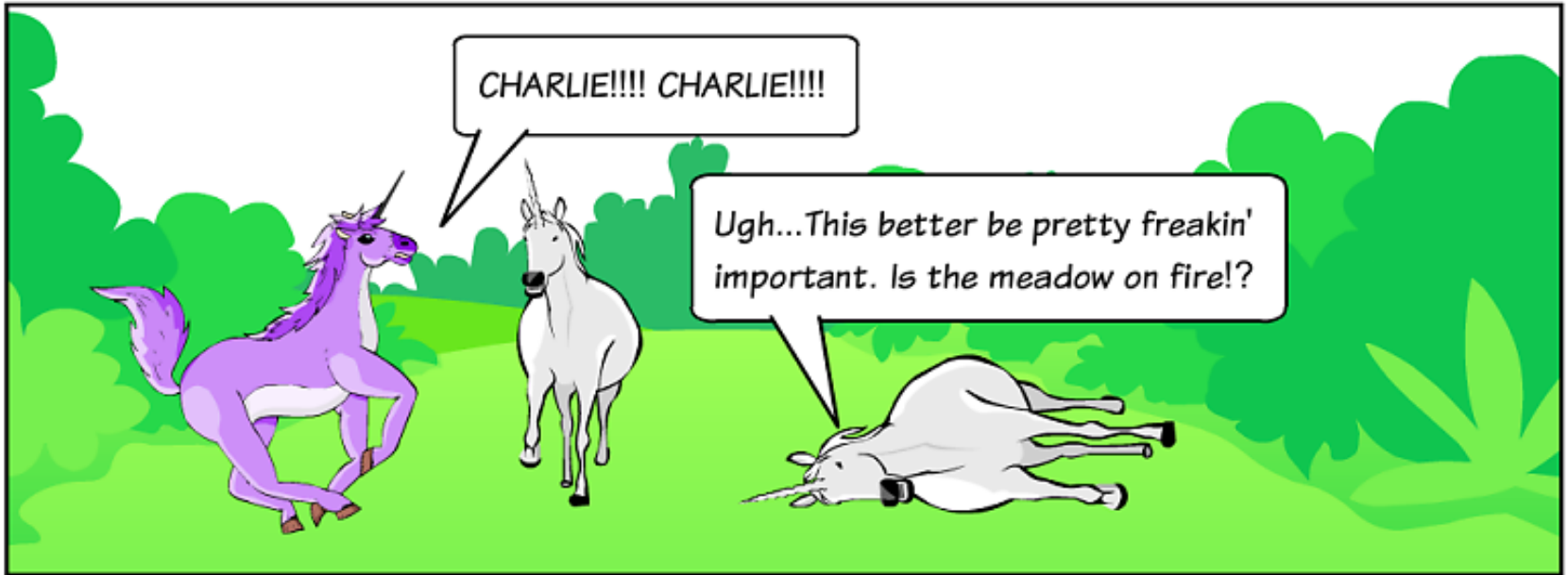
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Unidata Program Center

<http://motherlode.ucar.edu/repository>







CHARLIE!!!! CHARLIE!!!!

Ugh...This better be pretty freakin' important. Is the meadow on fire!?

Little Dog

ALL SIZES



Uploaded on January 9, 2010 by [Mr. PWalt](#)

Mr. PWalt's photostream

You are at the last photo. **265 uploads**

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This photo also belongs to:

Animals (Set)

15 items

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Tags

- [little](#)
- [small](#)
- [dog](#)
- [beige](#)
- [cute](#)

BRING BACK LUKEYWES1234!



★★★★★ 196 ratings

47,349 views

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[EnvoyePourRegarder11](#) [Subscribe](#)
January 04, 2010 (more info)

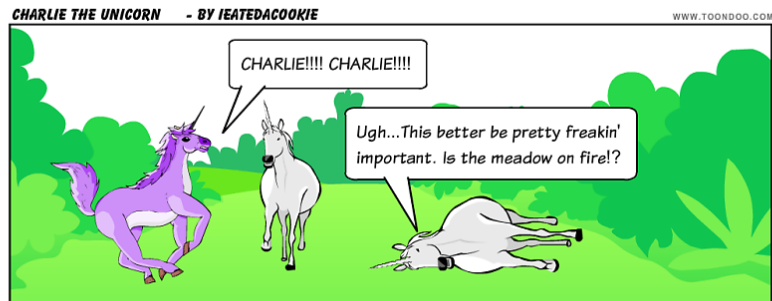
So he got about 12 thousand subs in a week or so. Then he got his account suspended. All he did was make videos about him playing with Luigi and Mario????? If you really want him back - Sign the pet..

URL: <http://www.youtube.com/watch?>
Embed: `<object width="425" height="344">`

More From: EnvoyePourRegarder11

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ROCKETBOOM
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RageOfAtrocitus
- [bring back lukeywes1234](#)
27,222 views



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By [leatedacookie](#) on 2008-11-08 09:59:12.0

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Find me all relevant meteorological data for August 29, 2005 - radar, satellite, model, observation, etc.

What if Katrina were to hit tomorrow?

You have a large collection of files you need to share, how do you do that?

RAMADDA ...

- Once was an acronym
- Is a freely available web application that runs on your own server - just needs Java
- Under development for 2 years. Just released V1.1

What is RAMADDA?

- Content management system
 - With a focus on earth science data
- Publishing platform
- Collaboration environment
- Extensible framework

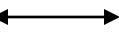
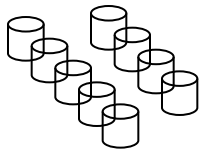
Publishing



Web UI



APIs
HTTP & FTP



Harvesters

Basic Services

CRUD
Search (federated)
Access control
Event notification
...

Viewing

Output Handlers

HTML
RSS
Catalog
OAI-PMH
OPeNDAP
KML
...

File, image, Wiki page, link, script, ...
DIF, THREDDS, ...

Folders, Entries, Metadata,...

RDMS

Metadata

**MARC, MODS, MARCXML, TEI,
EAD, Dublin Core, METS, RDF,
ETD-MS, *ISO 19115* , GCMD DIF,
FGDC, THREDDS, LAS-XML,
OAI-PMH, ...**

Our approach

- A metadata framework with plugin metadata handlers
- Or even easier – declarative XML, e.g.:

```
<type name="Tag" id="enum_tag" searchable="true" browsable="true">  
  <element name="Tag Value" />  
</type>  
<type name="File Attachment" id="content.attachment">  
  <element name="File" datatype="file" thumbnail="false"/>  
</type>
```

Thank you!

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