

ReleaseDistribution

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Preamble

Some thoughts about fixing the issue of distributing incubator releases.

This is a draft document. Needs to be discussed on general and agreed with infra. Please feel free to jump in.

Workflow

Current Podlings

Name	Old Release Archived?	Current Release In Dist?
Abdera	✓	
Buildr		
CeltiXfire		
Composer		
Graffito		
JSPWiki		
JuiCE		
log4php		
Lokahi		
Lucene. Net		
NMaven		
Pig		
Qpid	✓	
RCF		
River	✓	
Sanselan		
Shindig		
Sling		
stdcxx	✓	
Tika	✓	✓
TripleSoup		
Tuscany	✓	
UIMA	✓	✓
WSRP4J		

XAP		
Yoko	✓	N/A

Archiving Releases For Old Podlings

Graduated Podlings

Releases for graduated podlings will be archived directly with .htaccess redirect from original URL. A README will be added to note the status of the podling and that the provenance of these releases needs to be cross checked. An email should be sent to the dev mailing list informing them of this change.

Podling	Created Archive Directory	Copied Releases	Deleted Originals	Redirected Traffic	Emailed dev
ServiceMix	✓	✓	✓	✓	✓
Ivy	✓	✓	✓	✓	✓
ActiveMQ	✓				
Apollo	✓	✓	✓	✓	✓
Beehive	✓	✓	✓	✓	✓
XMLBeans	✓	✓	✓	✓	✓
SpamAssassin	✓				
Geronimo	✓	✓	✓	✓	✓
Pluto	✓				
Hermes	✓	✓	✓	✓	✓
Jackrabbit	✓	✓	✓	✓	✓
JaxMe	✓				
jUDDI	✓				
MerlinDeveloper	✓				
Muse	✓	✓	✓	✓	✓
Tapestry	✓				
Tobago	✓				
Lenya	✓				
log4cxx	✓				
httpd-CLI	✓				
Directory	✓				
iBATIS	✓				
MyFaces	✓	✓	✓	✓	✓
Nutch	✓				
Derby	✓	✓	✓	✓	
JDO	✓				
WebWork 2	✓				
Harmony	✓	✓	✓	✓	✓
OFBiz	✓				
Cayenne	✓	✓	✓	✓	✓
Synapse	✓				
Solr	✓				
Trinidad	✓	✓	✓	✓	✓
Roller	✓	✓	✓	✓	✓
log4net	✓	✓	✓	✓	✓
OpenEJB	✓				
Felix	✓				
OpenJPA	✓				
mod_ftp	✓				
Wicket	✓	✓	✓	✓	✓
Woden	✓				

Ode	✓	✓	✓	✓	✓
FtpServer	✓				

Retired Podlings

Releases should be archived directly with an .htaccess redirect. A README should be added explaining that the podling has been retired and that the exact status and provenance of these releases needs to be cross checked.

Podling	Created Archive Directory	Copied Releases	Deleted Originals	Redirected Traffic
Agila	✓			
AltRMI	✓			
Axion	✓			
Depot	✓			
Heraldry	✓			
Kabuki	✓			
Lucene4c	✓			
TSIK	✓			
wadi	✓			

Existing Releases

Status

Existing incubator releases are scattered

Need to conduct an audit of locations of existing releases for projects. This probably means asking projects to fill something in on the wiki.

To Mirror Or Not To Mirror

- Mirroring reduces bandwidth only when the bandwidth of the archives downloaded exceeds the bandwidth cost of uploading releases to the mirrors
- The Incubator contains a large number of podlings. This is likely to cause a major bandwidth spike.
- It may be worth considering archiving all releases and then mirroring just new ones.

New Releases

Mirroring Strategy

New releases should be mirrored. This means deciding the best approach to the download mirroring scripts.

Options:

- Ask podlings to create their own scripts and audit them
- Create central scripts
 - Basic ones
 - Sophisticated XSLT scripts (as pioneered by Jakarta) which also eg. push news. Meta-data?

Signing Strategy

One weakness is that podling release managers rarely have strongly connected signatures. It is also possible that podlings may end up having no long term future@Apache. All release managers for a project may become inactive as well as being unconnected.

- Does the incubator need to think about IPMC signatures?
- Do the KEYS need to be maintained in a central location?

Permissions

Set these on a per podling basis?