ByStar Federation of Autonomous Libre Services
Overview of Concepts and Models

ByStar
E-mail: http://www.by-star.net

http://www.by-star.net/PLPC/180011

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About This Document

- This document is web published as PLPC-180011 at: http://www.by-star.net/PLPC/180011.
- It is available in PDF Article format at: http://www.by-star.net/PLPC/180011/articleEn.pdf
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This document is also available in Farsi/Persian.
French and Arabic translations are in the works.

Part I

Ills and Contours of the Cure

Part 1: Ills and Contours of the Cure

Deal Made: Personal Info - Targeted Advertising

In A Blink Of An Eye

American Public Made a Deal with American Corporations.

Free-of-Charge People Got:

Email (Personal Messages)
Calendar, Address Book, ...
Content Publication
Facebook Webpage & “Friends”

American Corporations Got:

Semantic Analysis of Email
Spying with consent
Logs and Trail Analysis
Behavior Cross References

Ramifications Of The Deal

- A New Currency Has Been Created: Personal Information, Privacy, Autonomy
- An Established Business Model that Translates Personal Information into Targeted Advertising
- The Debit Side of this New Currency is Humanity
- Americans got there with no discussion of long term social consequences. No discussion of Sociology, Social Psychology, Morality.
- Mr. Zuckerberg (Founder of Facebook) Has Done More Harm To The Human Race Than Anybody Else His Age.
- And He Was Celebrated As “Person Of The Year” (Time Magazine).
- America is mostly an Economic Society.
- And now this American Disease is spreading through out the world.

Internet Application Services Today:
Ill Directed

- The wrong model: proprietary, owned and controlled
  - Ownership oriented to the Service Provider
  - Non-transparent software
  - User information owned and controlled by the proprietary Service Provider
- Structurally incoherent
  - Ad hoc: no overarching engineering design
  - Driven by short-term business expedience and profit
  - Functionally uncoordinated

Causes for Concern

- Networks are societal resources and their usage model must not be left to free markets and business.
- The Internet is today controlled by large corporations, and critical civil liberties are being compromised.
- Current Copyright and Patent laws are in conflict with nature and are harming humanity.
- As first generation engineers we have a responsibility to safeguard the societal welfare.

The goal of this project is to:

Liberate Internet Services

We Need To Be Very Multi-Dimensional

In Order To Get It Right

We Need To Consider Ramifications Of:

Software As Service
and
Service As Software
and
the Software-Service Continuum

In ALL Dimensions:
Philosophical, Societal, Engineering, Economic and Business

Is All Within Our Scope.

General Contours Of The Cure

ByStar Federation of Autonomous Libre Services

- The Full Scope of Internet Services: Star "*" in ByStar means everything
- Fully Libre: Complete rejection of so-called Western IPR
- Autonomous When Possible – Usually End-To-End
- Federated Based on Autonomous – Central only when required

Paving the way towards: The Convivial and Halaal Quadrant

We Are Proposing:

A Model Inversion For All Of Internet Services

From Industrial To Convivial

With Huge
Economic and Societal Ramifications

Our Goal

- Full Spectrum Internet Services:
  Functionally Equivalent to What Exists
  hotmail, yahoo mail, google mail – Facebook, Linkedin – youtube, search
- Full Software Service Continuum – (Service, Desktop, Notebook, Handheld)
- Focused on User Autonomy and Privacy
- Purely Based on Libre Software
- A New Radical Model but Fully Evolutionary

This We call:

ByStar (By*) Federation of Autonomous Libre Services

Libre Services:
A non-proprietary Model for delivery of Internet services

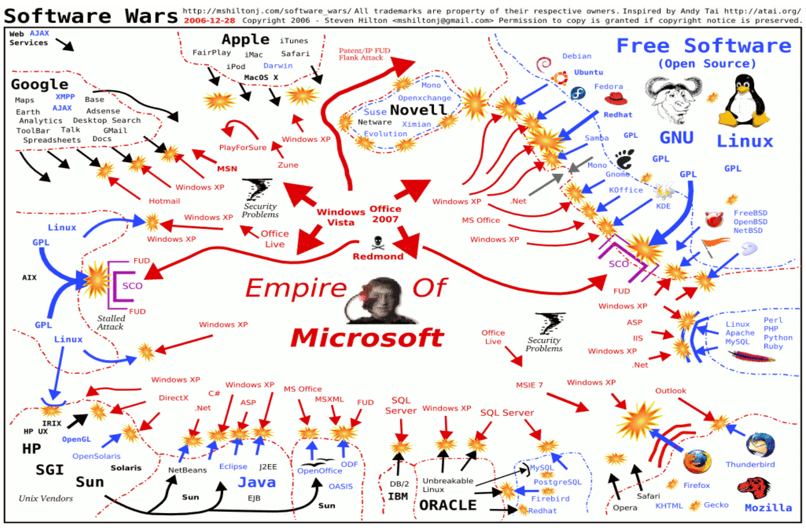
A non-proprietary Model
for
delivery of Internet services

Free Software Ideology For Internet Application Services

From Free Software To Libre Services

	SOFTWARE	SERVICES
PROPRIETARY	→Driven by commercial interests →Monopoly →Microsoft Windows	→Driven by commercial interests →Oligopoly →AOL, MSN, Yahoo
NON-PROPRIETARY	→Driven by user interests →Free Software Movement →GNU/Linux	?

From Software Wars To Service Wars



Model's Track Record and Limitations

Beyond Free Software

We have won the Free Software battle
Proprietary Software Already Lost
We Demonstrated Two Things:

1. Model: Free/Libre is Superior to Proprietary
2. Implementation: GNU/Linux is Superior to Windows (More Convivial)

But Now The Game Has Changed –
Software has mostly become Service.

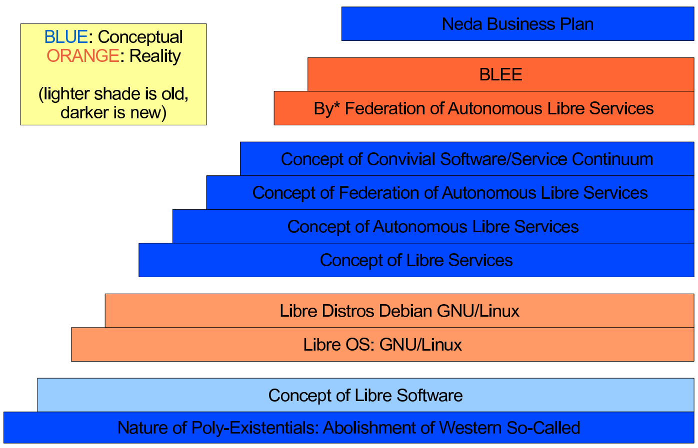
Limitation and Challenges:
Software is inherently collaborative and cumulative. (naturally absorbs energy) Service is inherently remote and isolated. (but that can be changed)

Service is inherently remote and isolated.
(but that can be changed – When Service Is Software)

What Is The ByStar Family

- By* is a coherent framework for enabling complex interactions among people, businesses and information.
  - Small and Medium Businesses: ForSMB.net Individuals:
  - ByName.net, ByAlias.net, ByMemory
  - Places and Events: ByWhere.net, ByEvent.net
  - Information: ByTopic.org
  - For Interactions: ByInteraction.net

Layering of Concepts and Results



Roadmap

- Language, Definitions, Models and Concepts
- ByStar Federation of Autonomous Libre Services
- Joining ByStar, Obtaining ByStar Software and Using ByStar
- Engineering Design of ByStar
- ByStar Vertical Slices (Feature Families)
- Economic and Business Dimensions of ByStar
- Societal, Inter-Societal, Social and Legal Ramifications
- Collaborative and Guardianship Framework

Part II

Language, Definitions, Models and Concepts

Part 2: Language, Definitions, Models and Concepts

Concepts and Definitions Summary

- Globish vs English
- Libre Vs Free
- Libre Services
- Autonomous Libre Services
- Federation of Autonomous Libre Services
- Nature of Poly-Existentials
- The Non-Proprietary, For-Profit Quadrant
- Tools For Conviviality
- Responsibilities of Professions and Health of Society
- Societal End-To-End Argument vs Rise of the Middle
- Rejection of Americanism, East vs West
- Halaal and Haraam

Language: Globish, Not American or British English

- The Audience for these concepts is global (Chinese, Iranians, Brazilians, Europeans and also Americans)
- ByStar belongs to Humanity – Not Any Particular Society (In contrast to Facebook, Linkedin, Google, MSN, ...)
- This is in Globish – A limited sub-set of English that has already forked off from American/British English)
- Examples: Libre and Gratis (Not Free), Convivial, Halaal

Definition: Free / Libre

In English "Free" is ambiguous:

1. Free can mean Libre: free as in freedom of action
2. Free can mean Gratis: free as in zero monetary cost

English/Globish needs the word "Libre".
In this document, we generally avoid the word free.
In compound usage (e.g., Free Software), When we say "free" we will always mean Libre:

Nature at Work:
Poly-Existentials flourish when
libre from restrictions and ownership

Nature Of Poly-Existentials

- So Called Western IPR is in conflict with Nature
- What Are Poly-Existentials:
- Multi-Possessabilty
- Ownership is a one-to-one relationship
- An Ownership Mistake With Ramifications Broader than Slavery
- Pointer to PLPC – Full title in box

Libre Services: Definitional Criteria

1. The service must consist entirely of open-source & free software components
2. The service must be based entirely on patent-free protocols
3. The integration software must consist entirely of free software

Hence the entire service is reproducible and modifiable based on access to source code

Autonomous Libre Services: Definitional Criteria

1. Service Transparency – Libre Services: Definitional Criteria
2. Service Portability – Libre Services: Definitional Criteria
3. Data Portability (from hosting/provider to hosting/provider)
4. Non-Retention of Data (by host/provider)
5. End-To-End Non-Restrictivity

Autonomous Libre Services: Degrees of Trust and Autonomy

- User Owned – Provider Managed
  - Libre Shared Hosting Subscriber SLA, AUP
  - Libre Shared Hosting Advertisment SLA, AUP
- User Owned – User Managed
  - Libre Center Co-location / Dedicated Hosting
  - Cloud Based Hosting
  - At User Premise – your own machine and dedicated IP Address

While All Is Supported, The Guarantee of “At User Premise” option should always be maintained.

ByStar Autonomous Libre Services

- Individual (Named, Living) – ByName.com - ByName.net
- Individual (Alias, Living) – ByAlias.com - ByAlias.net
- Individual (Minor) – ByFamily.com, ByFamily.net
- Individual (Named, Deceased) – ByMemory.com - ByMemory.net
- Individual (Information) – ByAuthor.net, ByAuthor.com
- Families – ByFamily.com, ByFamily.net
- Small/Medium Businesses – BySMB.net, ForSMB.net
  Domain is usually redirected to business's domain
- Locations: ByWhere.net

All of These ByStar Autonomous Services are available as Shared Hosting, Dedicated Hosting, Colocation and ByStar Appliances.

Federated Libre Services: Definitional Criteria

1. Service Transparency – Libre Services: Definitional Criteria
2. Service Portability – Libre Services: Definitional Criteria
3. Public Data Designated By Autonomous Libre Service
4. Safeguards of Private Data and Non-Retention of Data on command
5. Logs confidentiality and transparency
6. Based on Facilitation of End-To-End Interactions

Types Of Federated Libre Services

- Content Republishers
  - Proprietary Examples: Youtube
  - ByStar Domains: ByTopic.org, ByContent.org
- Collaborative Content Production
  - Existing Examples: Wikipedia, sourceforge, Ancestry.com
  - ByStar Domains: BySource.org, ByBinary.org, ByAuthor, ByFamily.com (genealogy)
- Personal Interaction Facilitators
  - Proprietary Examples: Facebook, Likedin, eharmoney, Yahoo!Dating
  - ByStar Domains: ByInteractions
- Trade Facilitators
  - Proprietary Examples: Craigslist, ebay, Amazon
  - ByStar Domains: ByInteractions
- Search Engines
  - Proprietary Examples: Google, Bing
  - ByStar Domains:

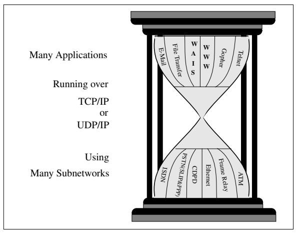
Operation in the For-Profit and Non-Proprietary Quadrant

	For Profit	Non-Profit	
Proprietary Model	Traditional: Microsoft AOL Yahoo	Conflicted: Academics Wap Forum ...	Copyright Patents Secrecy
Non-Propritary Model	New: Free Software Bus Redhat, ... Libre Services Bus Neda, ...	Traditional: FSF IETF FPF	Copyleft Knowledge Sharing Openness
	Pro-Business	Pro-Public	

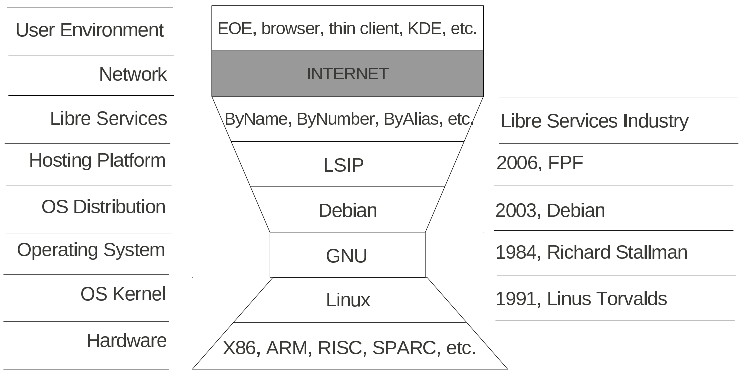
Software - Service Continuum – Where Proprietary Looses

Service, Desktop, Laptop, PDA Continuum Free/Libre everywhere
Hour Glass= Diversity on Top – Diversity at the Bottom – Cohesion and Convergence in the middle
Consistent OS: Linux everywhere Consistent GUI: Gnome everywhere Consistent Applications: Emacs, ... everywhere
Deep, Broad and Consistent Integration through Free Software and Libre Services

Protocols Hour Glass – Note Convergence in the Middle



ByStar Hour Glass – Importance of Convergence in the Middle



Service, Desktop, Laptop, PDA Continuum Libre everywhere

- Consistent OS: Linux everywhere
- Consistent GUI: Gnome everywhere
- Consistent Applications: Emacs, ... everywhere

Deep, Broad and Consistent Integration through Free Software and Libre Services

Societal End-To-End Argument vs Rise of the Middle

- Interactions Amongst People/Businesses and Information Could Be:
  1. Direct – End-to-End
  2. Central – Middle-Controlled
- End-To-End vs Middle-Controlled Architectures have both Engineering and Societal Ramifications
- Today's Industrial Internet Application Services are generally Central and Middle-Controlled.
- The Convivial ByStar Libre Services are generally End-To-End and Middle-Light.
- The End-To-End model is Autonomy and Privacy Friendly
- The Middle-Controlled model is Hostile to Autonomy and Privacy

The Engineering End-To-End Argument

- End-to-end Arguments in System Design
  http://web.mit.edu/Saltzer/www/publications/endtoend/endtoend.pdf
- Rethinking the design of the Internet: The end to end arguments vs. the brave new world
  http://www.csd.uoc.gr/h̃y558/papers/Rethinking_2001.pdf
- The Rise of the Middle and the Future of End-to-End.
  http://www.ietf.org/rfc/rfc3724.txt
- Tools for Conviviality - Ivan Illich
  https://clevercycles.com/tools_for_conviviality

Engineering End-To-End Summary

The most important benefit of the end to end arguments is that they preserve the flexibility, generality, and openness of the Internet. Movement to put more functions inside the network jeopardizes that generality and flexibility as well as historic patterns of innovation. A new principle evident already is that elements that implement functions that are invisible or hostile to the end to end application, in general, have to be "in" the network, because the application cannot be expected to include that intermediate element voluntarily.

ByStar End-To-End Philosophy

- Make Services Autonomous Whenever Possible (peer-to-peer oriented)
- Invest and Focus on End-to-End communications facilities amongst Autonomous Libre Services
- When a Federated Service functions as an intermediary, limit its role to the bare essential of hooking the two ends. Thereafter, communications can be end-to-end.

Ivan Illich's Concept of Convivial Tools

Tools are intrinsic to social relationships. An individual relates himself in action to his society through the use of tools that he actively masters, or by which he is passively acted upon.

To the degree that he masters his tools, he can invest the world with his meaning; to the degree that he is mastered by his tools, the shape of the tool determines his own self-image. Convivial tools are those which give each person who uses them the greatest opportunity to enrich the environment with the fruits of his or her vision. Industrial tools deny this possibility to those who use them and they allow their designers to determine the meaning and expectations of others. Most tools today cannot be used in a convivial fashion.

Convivial Software

- Unix/GNU Vs Microsoft Windows
  - Unified file model, pipe, small dedicated progs, ...
- Emacs vs Vi
  - buffers, major-modes, minor-modes, key-maps, frames, windows, regions,
- qmail vs sendmail
  - complete separation of queuing and spooling from submission, delivery and protocols.

Enable the tool user to be creative and expressive

East vs West – Rejection of Americanism

- Global Scope – Can't be dominated/dictated by Western Values
- East vs West Fundamental Distinctions:
  - East: More Society Oriented
  - West: More Individual Oriented – More Economically Driven

Responsibilities of Professions and Health of Society

- What Does "Profession" Mean? It also includes Societal Responsibility.

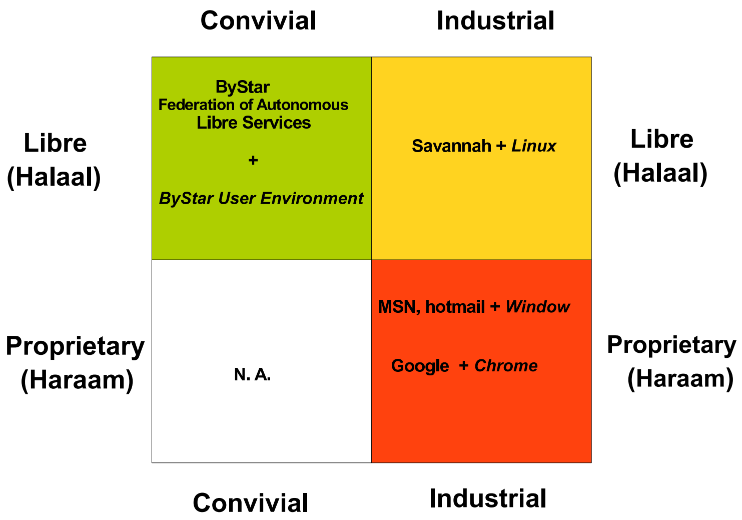
Halaal and Haraam – Ethics of Software and Service

- Halaal means Moral/Ethical – Okay to do/consume
- Haraam means Immoral/Unethical/Harmful – Should Not Be Done/Consumed

Defining Halaal Software/Internet Service:

1. Is A Perpetual Transparent Modifiable Poly-Existential – Equivalent of "Free Software"
2. Its Use Has Been Endorsed By The Engineering Profession
3. Its Use Has Not Been Prohibited By Ethicists (Sources of Emulation)

Halaal and Convivial Software Quadrant

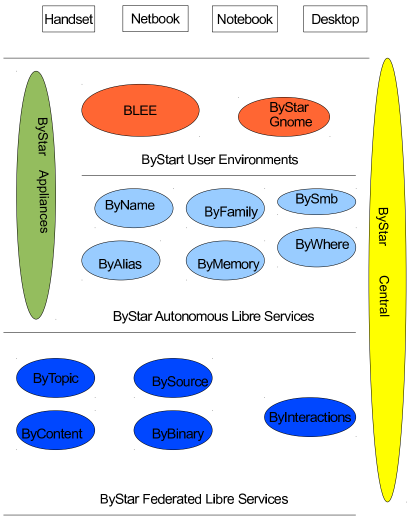


Part III

By* Federation of Autonomous Libre Service

Part 3: By* Federation of Autonomous Libre Services

ByStart Entities



ByStar Registered Domains

Organizational Domains

neda.com – freeprotocols.org – by-star.net

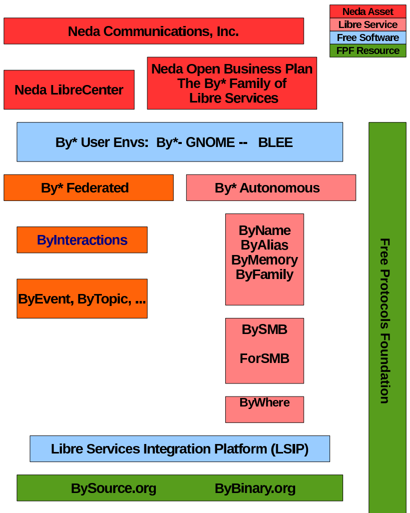
Autonomous Domains

ByName.net ByName.com – ByAlias.net ByAlias.com – ByMemory.com ByMemory.net ByFamily.com ByFamily.net ByWhere.net

Federated Domains

BySource.org ByBinary.org – ByContent.net – ByTopic.net

Libre Services Supporting Organizations



Libre Services Supporting Organizations

Libre Services Engines
More Than LAMP

- Rudimentary Manifestations
  - LAMP
    - Linux - Apache - MySQL - Perl/PHP/Python
  - Savannah and Savane
  - Wikipedia and Mediawiki
  - Can we do better than that?
    - Expand it
    - Formalize it
    - Make it be cumulative

By* Features and Capabilities

- A named entity domain - Owned by the entity
  - A public website: My Internet
  - An expanded website for friends: My Extranet
  - A private portal: My Intranet
- By* Libre Self-Publication Facility
- By* Libre Texting
- Email, e-fax, etc.
- Blog, photo gallery, GeneWeb, etc.

ByStar Appliances – Service As Software

- BACS Autonomous Appliances – Guaranteed Autonomy
- BISP Appliances
- ByStar User Environments – Blee on Debian and Ubuntu
- Re-Branding of ByStar

ByStar Services Current Status

Service	Status	Comment
www.ByName.net www.ByName.com	Pre-operational	Major functionality complete and approaching oprtaional deployment. Component of Stage C deployment; in progress.
www.ByNumber.net www.ByNumber.com	Pre-operational	Major functionality complete and approaching oprational deployment. Component of Stage C deployment; in progress
www.ByAlias.net www.ByAlias.com	Limited usage	Major functionality complete. Undergoing usage and usability testing. Component of Stage C deployment; in progress
www.ByMemory.net www.ByMemory.com	Operational	Operational with all basic features and functionality. Component of Stage C deployment; in progress
www.BySMB.com	Operational	BySMB functionality is complete and operational, allowing website creation under the custom development model. See By* Instance Examples for active websites. Component of Stage B deployment; compete.
www.ForSMB.com	Operational	ForSMB functionality is complete and operational, allowing website creation under the self-service model. Component of Stage B deployment; complete.
www.ByWhere.net	Prototype	Working prototype complete. See By* Instance Examples for demonstration websites. Component of Stage D deployment; future.
www.ByEvent.net	Concept only	At concept level only, with no functionality yet implemented. Component of Stage E deployment; future.
www.ByTopic.net	Prototype	Working prototype complete. Complete of Stahe E deployment; future.
www.ByInteraction.net	Concept only	At concept level only, with no functionality yet implemented. Component of Stage D deployment; future.
www.BySource.org	Limited usage	Basic functionality complete. Undergoing usage and usability testing.
www.ByBinary.org	Limited usage	Basic functionality complete. Undergoing usage and usability testing.

ByStar Instance Examples

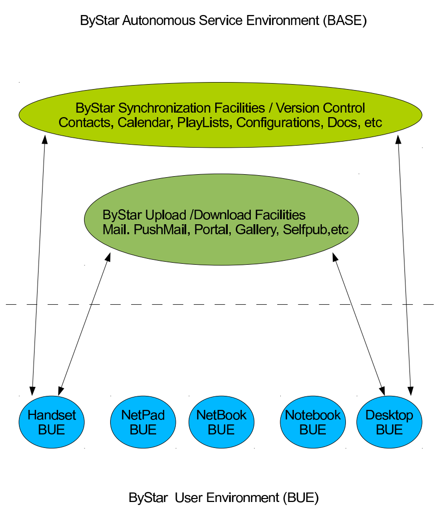
Setvice Type	Domain Name	Description
ForSMB/BySMB	www.neda.com	A software development and Internet services company. An extensive and comprehensive website with over 100 pages. Technologies: Jetspeed, Tomcat, Gallery.
	www.NewDinnerware.com	An online store selling fine porcelain tableware. Includes standard e-retail features: shopping cart, checkout, credit card payment. Technology: Interchange
	www.TalkToUS.org	A non-profit organization promoting better international understanding. Enables communication via short personal video messages. Technologies: Jetspeed, Gallery, streaming video
	www.PinaMotorsports.com	An auto repair and specialized auto customization shop. Technologies: Plone/Zope, Interchange, Gallery
	www.Payk.net	A non-profit organization for grassroots communication among Iranians. Technologies: Plone/Zope, Gallery
	www.AllMuslimCemetery.org	An Islamic cemetary. Related to ByMemory; many gravesites have associated ByMemory memorials. Technology: Plone/Zope.
	www.LibreServices.org	A non-profit forum and resource center for development of Libre Services. Technology: Plone/Zope
	www.BySource.org	Free Software distribution center
ByMemory	yazdan.1.banan.bymemory.net	A memorial site. Includes a genealogy and photo gallery; multilingual. Technologies: Plone/Zope, GeneWeb, Gallery
ByName	mohsen.banan.1.byname.net	A personal website for a professional engineer. Includes a genealogy and photo gallery; multilingual. Technologies: Plone/Zope, blog, GeneWeb, Gallery
ByWhere	info.1-98008-5807-10.bywhere.net	A ByWhere site used to provide address and driving directions. Technologies: Apache, Gallery
	ForRent.1-98008-5765-05.bywhere.net	A ByWhere site used to provide house rental information. Technologies: Apache, Gallery

Part IV

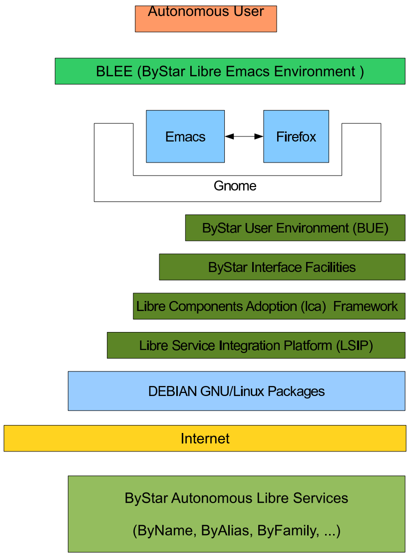
Joining ByStar, Obtaining ByStar and Using

Part 4: Joining ByStar, Obtaining ByStar and Using ByStar

Interface Model of ByStar User Env and ByStar Services



ByStar Libre Emacs Environment (BLEE) Model



Try It On Your Own

By* Service Environment:

1- Create Your ByName Account http://www.ByName.Com
2- Receive Your Passwd In Email
3- Use It With A Browser

By* User Environment:

1- Get A Laptop/Desktop/Netbook
2- Install Debian or Ubuntu On It
3- Obtain and Run bystarGenesis.sh
4- Use the Acct/Pass from (SE-2)
5- Marry your BUE with your Service
6- Fireup Blee and Enjoy

Getting LSIP Scripts

Example

wget http://www.bysource.org/lsip/lpGenesis.sh ./lpGenesis.sh
Just respond to the prompts.

Example

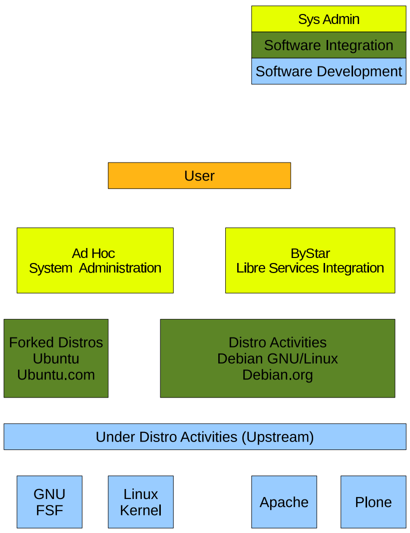
Anonymous CVS:
cvs -d :pserver:anoncvs@cvs.bysource.org:/rep1 checkout -d osmt public/osmt

Part V

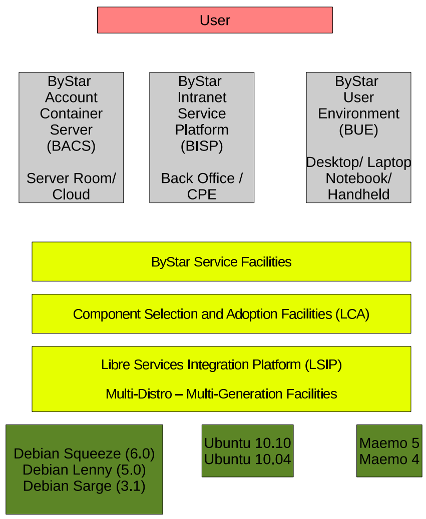
Engineering Design of ByStar

Part 5: Engineering Design of ByStar

General Nature of Under, At and Above Distro Activities



The ByStar Over Distro Development Model



Design Big, Implement Gradually

Design Big, Implement Gradually
Autonomous First
Convivial Design

Main Design Principles

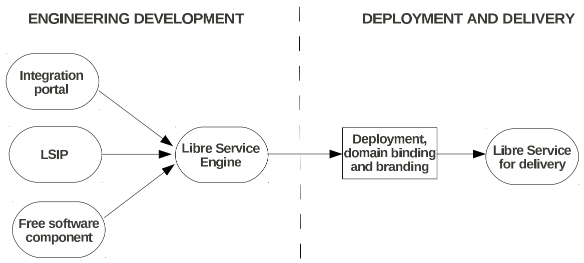
- Purity of Debian GNU/Linux Platform
- Linux Account is Central for Everything
- Virtual Domains for everything are tied to accounts
- Main Criteria For Component Selection is Conviviality
- On top of Debian, LSIP - ByStar - BUE Layering is generally rigid

Major Software Components

By* Libre Services: Software Components

- Debian GNU/Linux
- Base: djbdns, daemontools, ucspi, multilog, ...
- Mail: qmail, courier, spamassassin, ezmlm, ...
- Web: apache, zope, plone, ...
- Misc: postgres, mysql, Interchange, ...
- Glue: Libre Services Integration Platform (LSIP)

Software To Service Aggregation



By* Naming principles What Is The ByStar Family

Take full advantage of the Domain Notation depth.

- mohsen.banan.1.byname.net
- forRent.1-98008-5765-05.bywhere.net

Libre Service Integration Platform

Problem Domain of LSIP

- How do you efficiently manage/administer/support a cluster of 20 or more Linux boxes?
- Consistency of software and system
- Consistent Tools
- Naturally enforced discipline
- Host and Site Abstraction

LSIP Features

Currently Supported: Debian, Ubuntu, Maemo, Solaris

- Persistent Host Abstraction
- - Profile Definitions Site Description
- - Multi-Site
- Support Software Components Consistency Framework Names and Address Administration
- Consistent Host Updates / Verification Service Provisioning Service Management Host/Site Monitoring

Design and Implementation Notes

Design and Implementation Notes

- Mostly implemented in bash/ksh scripts
- Consistent Administration of Software Components enforced through seed modules.
- Large Systems Administration Library
- Software Component Adoption Framework (lca)

LSIP Documentation

Mostly Self documented with "Roadmap" modules. Libre Platform Genesis Process:
http://www.neda.com/PLPC/110101
http://www.neda.com/PLPC/110501
LSIP Design and Implementation Notes (Draft)

Part VI

ByStar Vertical Slices (Feature Families)

Part 6: ByStar Vertical Slices (Feature Families)

ByStar Vertical Slices

- Functionality's that span
  - ByStar User Environment
  - ByStar Autonomous Libre Services
  - ByStar Federated Libre Services

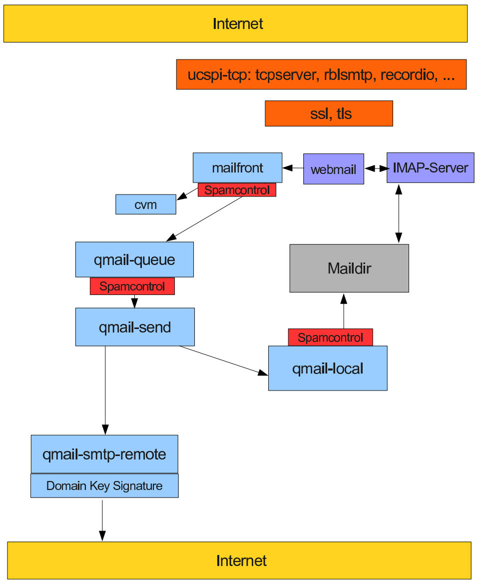
List of Vertical Slices

- Primary Vertical Slices
  - Email / Messaging (qmail) ByStar Vertical Slice
  - CMS / Plone ByStar Vertical Slice
  - Self Publication Vertical Slice
  - Integrated Public Key Infrastructure
- Auxiliary Vertical Slices
  - Music (Audio) Vertical Slice
  - Photo / Video Gallery
  - Genealogy
  - eFax/Scanning Document Management Service
  - VoIP

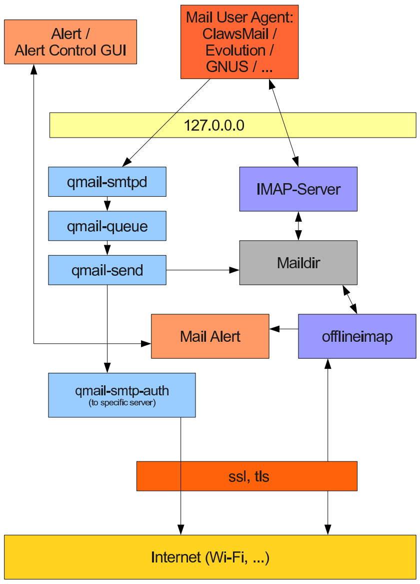
ByStar Email / Messaging Vertical Slice

- qmail based
- Single Domain, Multi-Address. Multi-Mailbox Model
- Gnus under Blee
- embedded MTA on User Environment
- Libre Texting, Push Email
- NOTYET, qmail figures come after this.

qmail ByStar Server Architecture



qmail ByStar User Agent Architecture



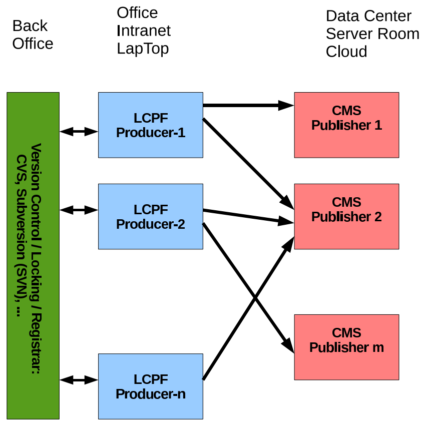
CMS / Plone Vertical Slice

- ploneProc.sh

Self Publication Vertical Slice

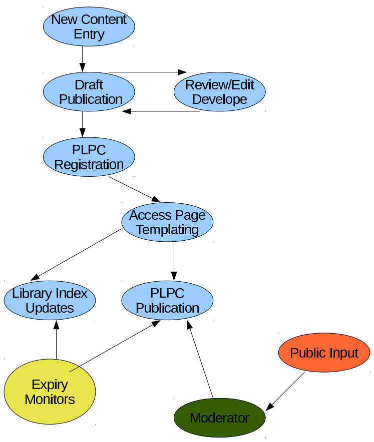
- More Info at: http://www.neda.com/PLPC/110506
- Adopted Components: TeX, XeTeX, tex4ht, Plone
- ByStar Modules: lcntProc.sh, Libraries
- In Blee: Menu Supported
- Supporting Autonomous Services: ByName, ByAlias, ByMemory
- Supporting Federated Services: ByContent, ByTopic

ByStar Content Publication Model



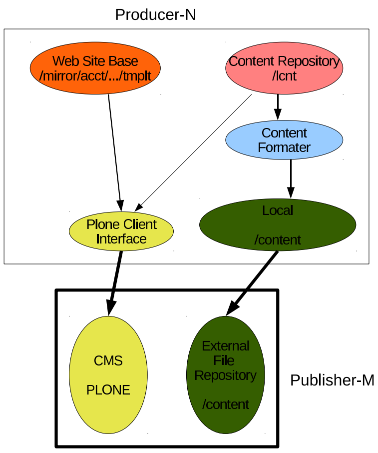
Libre Content Publication -- Model

ByStar Content Publication Workflow



Libre Content Publication – Work Flow

ByStar Content Publication Architecture



Libre Content Publication Facilities – Architecture

Other Vertical Slice

- ByStar Music
- ByStar Photo/Video Gallery
- ByStar Genealogy
- ByStar Fax/Scanning (Document Management System)
- ByStar VoIP

ByStar Music Vertical Slice

- Adopted Components: mpd, mpc, mplayer, emms
- ByStar Modules:
- In Blee: Menu Supported
- Supporting Autonomous Services: ByName, ByAlias, ByMemory
- Supporting Federated Services: ByContent

ByStar Photo/Video Gallery Vertical Slice

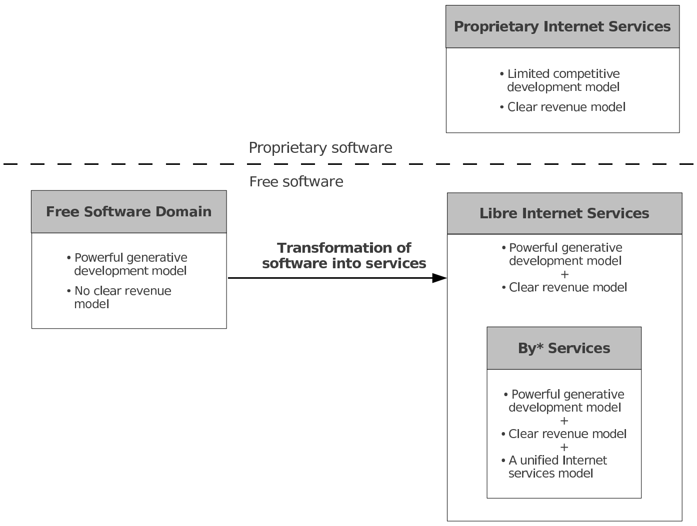
- Adopted Components: mpd, mpc, mplayer, emms
- ByStar Modules:
- In Blee: Menu Supported
- Supporting Autonomous Services: ByName, ByAlias, ByMemory, BySMB

Part VII

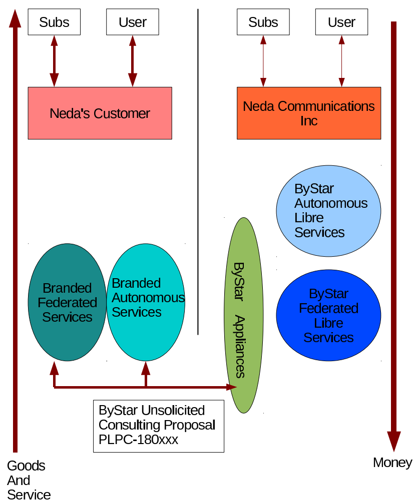
Economic and Business Dimensions of ByS

Part 7: Economic and Business Dimensions of ByStar

The Libre Services Revenue Model



ByStar Supply Chain Model



Marketing Strategy

- On The Side of User
- Jusitsu

Marketing Messages (West and East)

United States, West – Key Marketing Messages

1. Autonomous Services vs Corp Owned Services
2. Convivial Model vs Industrial Model
3. Engineering vs Business
4. Libre vs IPR Regime
5. Preservation of Freedom, Privacy and Autonomy

East, Rest of the World – Key Marketing Messages

1. Societal Autonomy, Assertion of Sovereignty
2. Rejection of American Hegemony – Through the Libre Alternative

Marketing Strategy: Broad Philosophical Hell Raising

Rejection of Western Copyright and Patent Law:

Nature of Poly-Existentials
Abolishment of the so-called Western IPR Regime
PLPC-xxx

Preservation of Privacy and Autonomy:

Direct attack against proprietary competitors.

Public Sector Challenges:

Solicit Governmental Support.

Elevator Story

We use the existing Internet Service Provider Characteristics of:

- Proprietary and Closed
- Disregard for Privacy and Autonomy

as a Marketing vehicle to promote our functionally equivalent services which we call ByStar Libre Service.

The scope of ByStar is ALL Internet Services. The equivalent of MSN, AOL, Facebook, Linkedin, ... All combined.

This is possible with a model inversion (from Proprietary to Libre) which brings the collaborative and cumulative characteristics of Free Software to Libre Services.

Our Principal Sustainable Advantage

Lots of Coherent Established Assets + A complex business model based on rejection of patents and copyright + Rare fitness to execute this particular model.

Software engineers are best suited to lead this

Part VIII

Societal, Inter-Societal, Social and Legal Ra

Part 8: Societal, Inter-Societal, Social and Legal Ramifications

29. Identifying the Tear Points – (1) East, (2) Software-Service Continuum
    - Proprietary Market Insignificance is Libre Opportunity – Eg: Perso-Arabic Script
    - LSIP Copyleft License

Collaborative Development Framework

1. East – Conviviality, Halaal and Libre are more Eastern. The West is too deeply committed to IPR and pure economic models and self.
2. Software-Service Continuum – Transparent Software and Transparent Service permits continuity of Service and Software. This is where the proprietary model looses.

Proprietary Market Insignificance is Libre Opportunity – Eg: Perso-Arabic Script

- See Perso-Arabic Document

LSIP Copyleft License

LSIP CopyLeft License Afero GPL V3 License LSIP is Open-Source and Free Software Dual Licensed if needed

Part IX

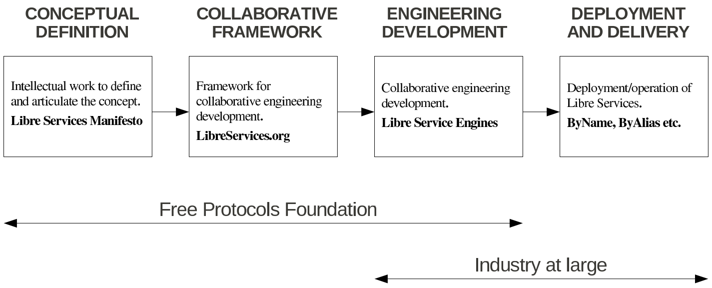
Framework For Participation, Collaboration a

Part 9: Framework For Participation, Collaboration and Guardianship

Collaborative Development Framework

- Working Together ...

The Collaborative Model From Concept To Service Delivery



Spread The Word

- I don't Own By* Libre Service – You Don't Own By* Libre Services
- We All Own By* Libre Services
- Use It As You Wish – Make It Be What You Want
- Stay Autonomous
- Spread The Word

Key Documents

- Neda Open Business:
- By* Libre Services Libre Services Manifesto PLPC-100105
- ByStar full picture PLPC-110004
- Unsolicited Proposal PLPC-110005
- By* Libre Texting

Colophon

- Produced with Halaal Software and Halaal Internet Services.
- It uses LaTeX, beamer, ByStar, Blee, Emacs, ...

Colophon

- Totally Libre and Copyleft
- No proprietary software used in preparation, presentation and communication of this information
- Slides prepared with beamer-latex
- Presented using Ubuntu-Debian-GNU-Linux and Maemo on PDA
- Served as an Autonomous Libre Service using Debian, Apache, Plone, ...

Questions/Comments/Discussion