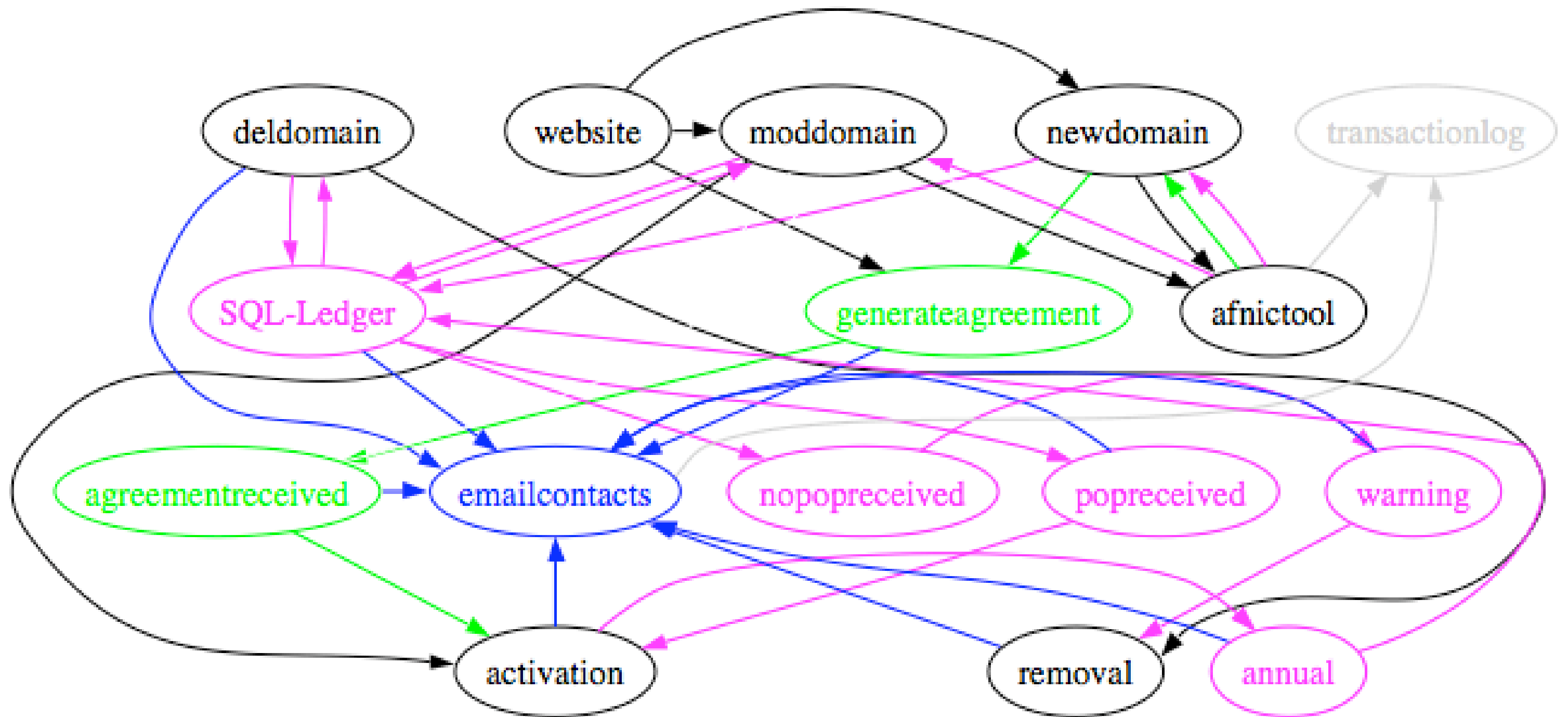


NA-NiC

Namibian Network Information Centre (cc)

Dr Eberhard W Lisse
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Registrations are Easy



History

- **Registered in 1991**
 - **To Dr Lisse**
 - **Personally**
 - **by Dr Postel**
- **Some Administrative Redelegations**
 - **NAMIDEF**
 - **Dr Lisse**
 - **NA-NiC**

NA-NiC

- **Close Corporation**
 - **3 Members**
 - **No Shareholders**
 - **Limited Liability**
- **Procedure and Policy**
- **1st level Registry**
- **<http://www.na-nic.com.na>**

Omadhina

- **Registry Operator**
- **Close Corporation**
- **3 Members**
- **<http://www.omadhina.co.na>**

|Ondis

- **1st Registrar**
- **Close Corporation**
- **3 Members**
- **Resellers**
- **<http://www.ondis.co.na>**

.NA

- **Mixed Zone**
 - **104 1st level domains (2006-12-06)**
 - **lisse.na, com.na, co.na, etc**
 - **1395 2nd level domains**
 - **na-nic.com.na, ondis.co.na, etc**
 - **21 domains on hold/suspended**
 - **Unpaid Invoices**

Administrativia

- **No E-Commerce in Namibia**
 - **50 Acts contain provisions**
 - **Contract on Paper**
 - **Signatures, Initials, Witnesses**
 - **Black ink, Revenue Stamp**

<http://www.ondis.co.na/agreement.pdf>

Pricing

- **No Residency Requirement**
 - **Namibian**
 - **SADCC**
 - **Foreign**
- **Structured**
- **Top Level**
- **<http://www.ondis.co.na/pricelist.php>**

Nameservers

- **NA Zone**
 - **merlin.net.na**
 - **ns-ext.isc.org**
 - **nasans4.nasa.gov**
 - **ns-na.ripe.net**
 - **aunic.aunic.net**

Nameservers

- **COM.NA (1212)**
 - **linux.lisse.na**
 - **dns5.denic.de**
 - **Ins0.ma.nic.nu**
- **CO.NA (7)**
 - **linux.lisse.na**
 - **dragon.omadhina.co.na**
 - **ruby3.oasys.com.na**

NS Hardware

- **.NA**
 - **Don't know**
 - **Don't really care**
 - **It ain't broke**
 - **Don't need to fix it**
 - **I have a Cunning Plan ^(TM)**

NS Hardware

- ***.NA**
 - **Off the Shelf Intel PCs**
 - **UPS**
- **DE-NIC, NU-NIC**
 - **see Previous Slide**

NS Software

- **.NA**
- **See Previous Slide**
(Don't Know, Don't Care, etc)

NS Software

- ***.NA**
- **Linux**
 - **SuSE**
 - **7.3, 10.1**
 - **BIND**
 - **Ubuntu**

Software

- **MySQL**
 - **3 Simple Tables**
 - **Data is not Normalized**
- **Perl**
 - **CPAN Modules**
 - **DBD/DBI**
 - **Sendmail**
 - **Yahoo Currency Converter**

Software

- **SSH**
 - **Upload of the Top Zone via SFTP**
- **Editors**
 - **(X)emacs**
 - **Alpha**

Software

- **LaTeX**
 - **Typesetting Software**
 - **WYGIWYD**
 - **LyX**
 - **PDFLaTeX**
- **CVS**

Software

- **Registration (Template based)**
 - New/Modify Domain**
- **Perl Script**
 - **mysql**
- **Linux**
 - **mh, nmh, exmh**
- **OS X**
 - **Thunderbird, Pashua, CocoaDialog**

Software

- **Zone File Generators**
 - **Perl Scripts**
 - **mysql**
 - **SOA Serial Number**
 - **Glue Records**
 - **Due Diligence**
 - **Upload of Top Zone via SFTP**
 - **Crontab or Manual**

Software

- **Zone File Management**
Suspend/Delete
- **Perl Scripts**
 - **mysql**
 - **status field**
 - **deletion proper**
- **Manual**

Software

- **Zone File Backup**
 - **Shell Script**
 - **mysqldump**
 - **uuenvview**
 - **Crontab**
- **E-mailed to Several Locations Daily**

Software

- **SQL-Ledger**
 - **Open Source**
 - **Perl**
 - **PostgreSQL**
 - **Apache**
 - **RTFSC**

<http://www.sql-ledger.com>

Software

- **SQL-Ledger**
 - **API**
 - **Annual Renewals**
- **PostgreSQL (directly via Perl)**
 - **AAAR Statements**
 - **VAT Forms**
- **Excellent Commercial Support**
- **RTFM**

Workflow

- **New Domain**
 - **Application Template**
 - **Agreement**
 - **Invoice**
 - **Payment**
 - **Registration**

Workflow

- **Delete Domain**
 - **Application Template**
 - **Authorization**
 - **Removal**

Workflow

- **Annual Renewal**
 - **Perl Script**
 - **PostgreSQL (direct)**
 - **Sales Orders (API)**
 - **SQL-Ledger**
 - **Due Diligence**
 - **Invoice**
 - **E-Mail**

Workflow

- **VAT Payments (Alternating Months)**
 - **Perl Script**
 - **PostgreSQL (direct)**
 - **PDFLaTeX**
 - **List of AR/AP Invoices**
 - **VAT Form**

Future Plans

- **Registry Automation**
 - **EPP**
- **Registrar Automation**
 - **EPP**
 - **Web Interface**
- **Billing Automation**
- **Statistical Analysis**
- **<http://www.r-project.org>**

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