

nominet[®]

Introduction to Nominet

Matthew Yates

Campaign Manager



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Introductions



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- Nominet team
- UKEC
- You...

Our mission



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To make a positive difference to UK Internet users and to shape the development of the Internet. We will do this by delivering excellence and innovation in our products and services, driven by the needs of our stakeholders, and creating a company where our people love coming to work.

What we do

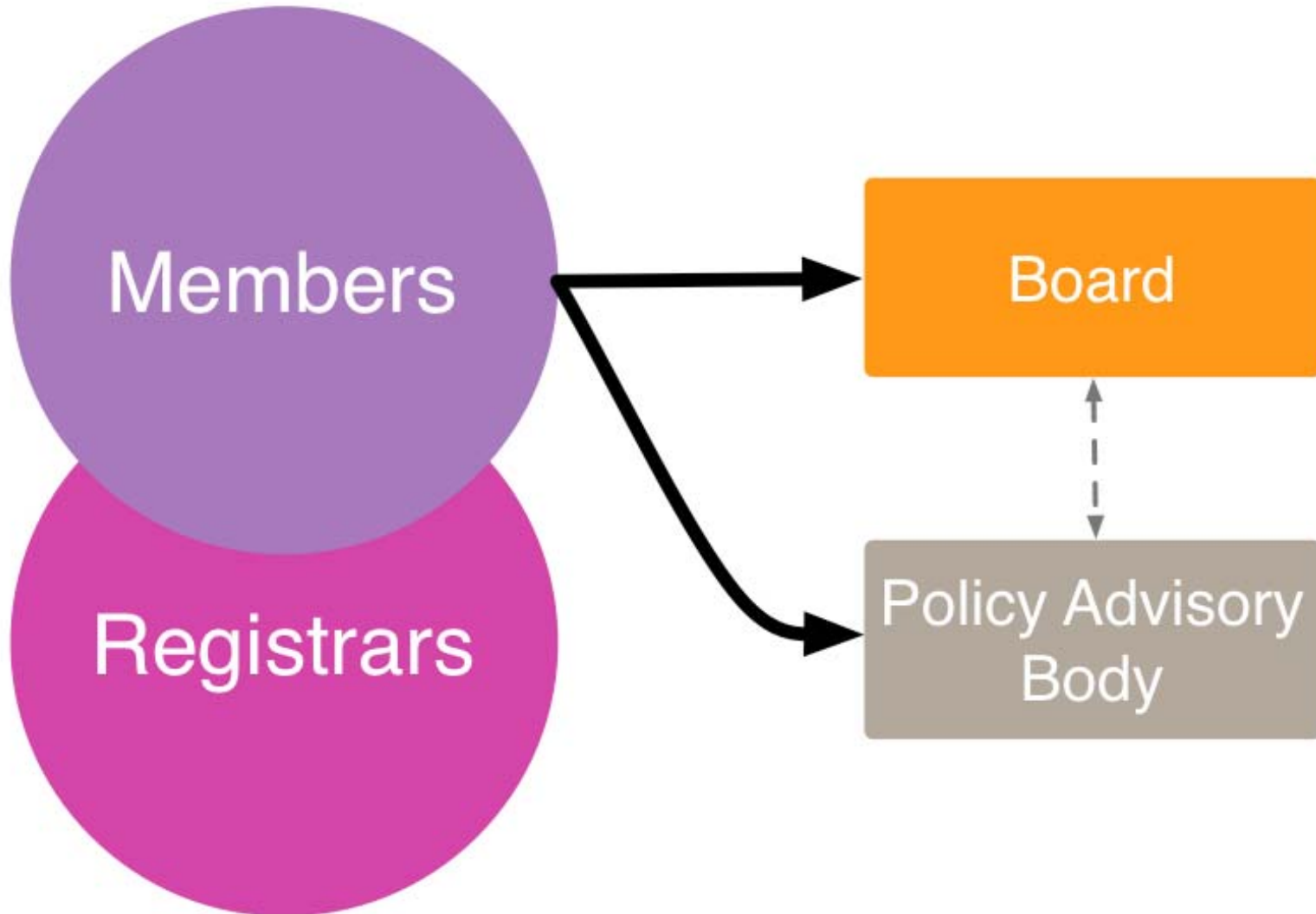
- We run the DNS infrastructure that powers .uk
- We run the technology that translates a .uk domain name into the location of the computer on the Internet that hosts the web site or email system you're looking for when you type in a web address or send an email to an address ending in .uk
- We manage the database of registrations in the .uk Top Level Domain including the following SLDs:
 - .co.uk, .org.uk, .ltd.uk, .plc.uk, .sch.uk, .net.uk, .me.uk

Background

- Voluntary Naming Committee
- Growth in registrations meant a new organisation was required
- Nominet formed in 1996
- Not-for-profit, limited by guarantee
- Members not shareholders



Management structure



Statistics

- Over 7 million domain names in register
- Third largest ccTLD after Germany and China
- 137,000 new registrations per month
- 70% of domain names due for renewal are renewed
- 33 million domain queries per day

Work with stakeholders

Nominet works in the interests of all Internet users: -

- Members and registrars
- UK Government, supports self-regulation
- Consultation with business & industry
- Public education with consumers
- Global users, Internet Governance Forum (IGF)

Strategy



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- Managing our finances
- Developing our centres of IT and service excellence
- Developing our communication and marketing
- Increasing our international and national impact
- Becoming an employer of choice
- Strengthening our corporate social responsibility



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Work on our database structure

- Over the past two years we have carried out major work on restructuring our databases and how we store information about .uk domain name registrations
- Moved from a series of unconnected databases to a joined up account based structure
- Major project that has laid the foundations for future success



How our data was stored

Registrar
database

Membership
database

Domain
database

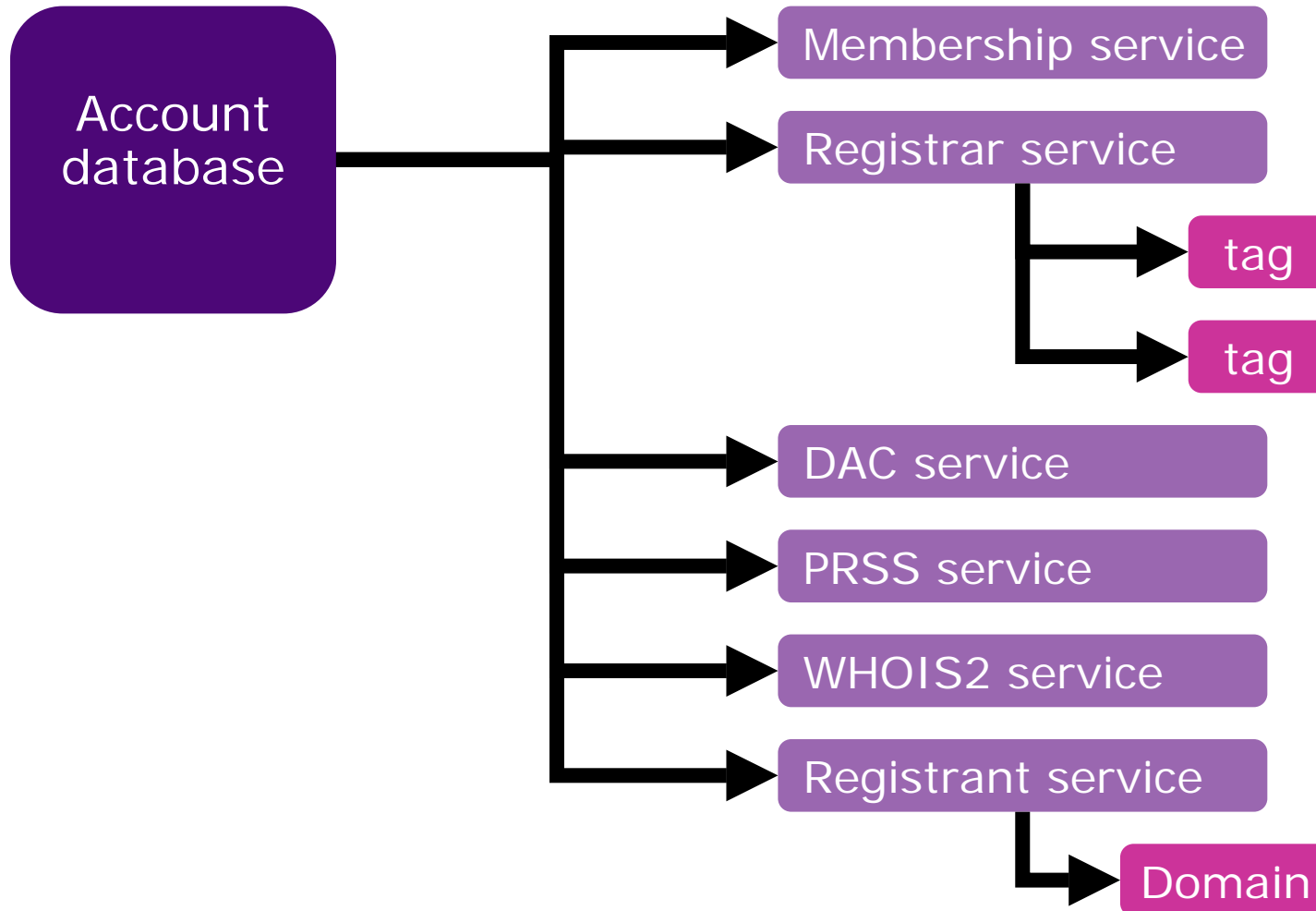
PRSS
customer
database

DAC
customer
database

WHOIS2
customer
database



How it is stored now



Work on our registrar systems

- Introduced EPP for registering domain names
- Extensible Provisioning Protocol
- XML based international standard registration system
- Responses to commands are generally instant



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How does ENUM fit with Nominet?

- Fit with our mission
- ENUM is a similar product to domain names
- Uses Domain Name System
- There is a UK specific registry requirement for ENUM
- Our database structure and our registration systems are the appropriate processes to enable us to run the UK ENUM registry
- ENUM registrations are made using EPP
- ENUM is now an easy addition to our business model
- Makes sense to consumers that .uk domain names and UK ENUM registrations are made through Nominet

History



- ENUM has been live elsewhere for some time – Japan, Netherlands, Czech, Sweden, ++
- DTI and UK ENUM trial
- UK ENUM Consortium (UKEC) agree and awarded Nominet the contract to run the Tier 1 registry for UK ENUM
- Systems development
- Testbed live
- Marketing
- Appointing registrars / Validation Agencies
- ENUM systems went live 7 October 2008

Differences



- How it started
- Not all ENUM registrars will necessarily become members
- Policy is formed via UKEC
- No end-user contract with Nominet
- Possibly a broader user base
- Potential impact is significant

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Any Questions?



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