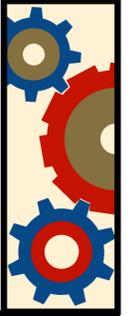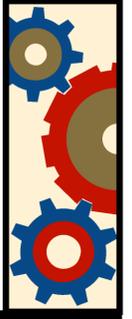# BIND 10

João Damas

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BIND 9 does a lot

- BIND 9 is protocol complete (well, almost)
- BIND 9 has good performance now for most things
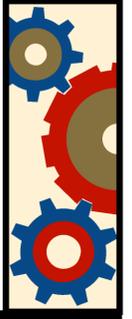- BIND 9 is available everywhere and is free

So why BIND 10?

- BIND 9 is too big
- BIND 9 is way too monolithic
- BIND 9 is not easily adaptable by the community
- BIND 9's configuration and management is looking old
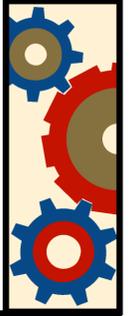- It has grown organically over the years

Yes, but why?

- Increased cost
  - costly to integrate with in-house workflows
  - costly to add new features or modify existing ones
  - costly to maintain
  - doesn't encourage development of open source tools based on it
  - there must continue to be an Open source solution that is state of the art
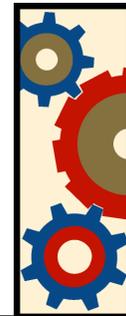
How do we plan to go about it?

- We need 2 things:
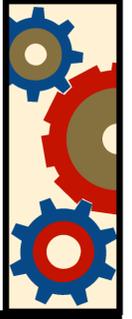 - Funding
  - Input from you

Goals so far

- Configuration
  - a configuration and set-up backbone that is common to the DNS and DHCP servers
  - is self contained, structured and documented to allow easy construction of front ends
- supports multiple back-ends via a clear API
- can be used to build clusters
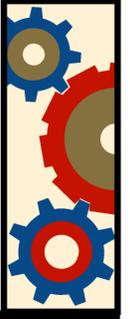- is modular in functionality

Goals so far (ii)

- has more and smaller sets of APIs that
  - should make it easy to re-use parts in other projects
  - opens more room for developers other than ISC to build on BIND (F/L/OSS or proprietary)

What can you do?

1. Send in any requests for things you have wished were there and aren't
2. Send ideas that you would like to see implemented
3. Tell others

Questions?

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