

Packaging Ascension for Debian

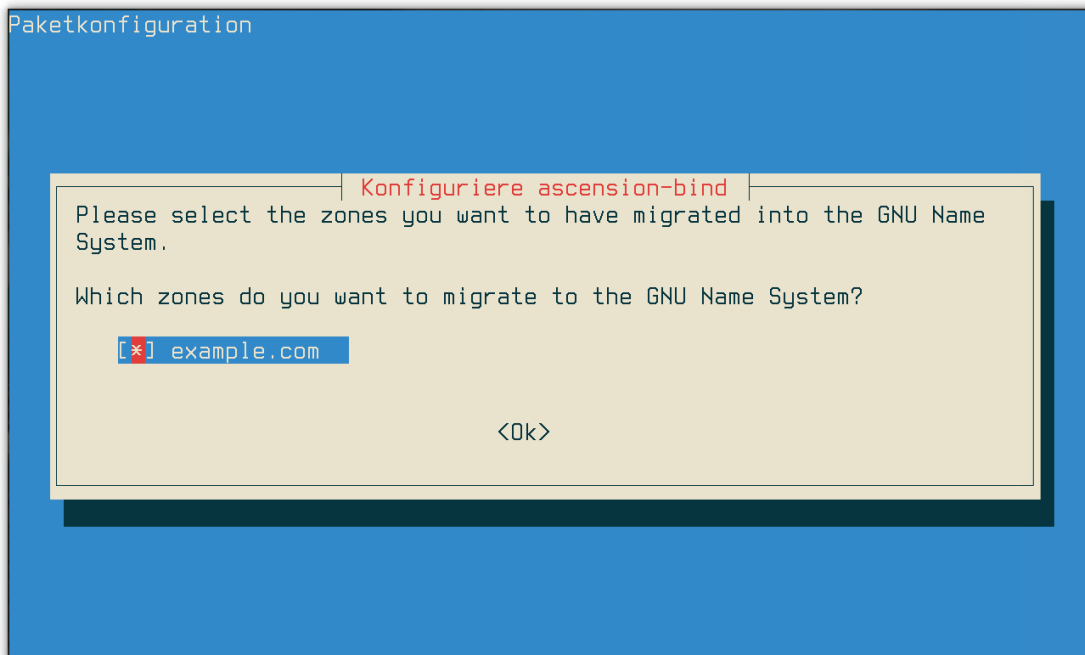
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Automating the migration of DNS zones into the GNU Name System

Ascension is a Python tool developed during previous work at BFH. It that allows for easy migration of DNS zones into the GNU Name System (GNS). Many DNS zones were migrated to verify its functionality. These include but are not limited to the “.se”, “.sy”, “.bfh.ch” and “.nu” zones. In this thesis Ascension was extended and improved to provide more functionality. Further it was packaged for the Debian GNU/Linux distribution. Alongside the base Ascension package another package was created which, when installed, configures Ascension in such a way that all the locally running DNS zones are automatically migrated into GNS. The goal is to achieve an easy and reliable way to make DNS zones available in GNS and keeping the respective zones synchronized. In the future Ascension will have its performance improved further and more packages will be created to support more nameservers.



Patrick Gerber



Ascension dialog for zone selection