

## NAME

**ypinit** - build and install NIS databases

## SYNOPSIS

**ypinit -m** [*domainname*]

**ypinit -s** *master\_server* [*domainname*]

**ypinit -u** [*domainname*]

## DESCRIPTION

The **ypinit** utility is a script which sets up databases on a Network Information Service (NIS) master or slave server.

On a master server, **ypinit** creates the */var/yp/\$DOMAINNAME* directory, the */var/yp/ypservers* file, and calls */var/yp/Makefile* to create and populate an initial set of NIS maps. The maps are created from local source files using the *yp\_mkdb(8)* utility. The utility will prompt the user for a list of servers that support the specified domain; this list is used to populate the *ypservers* map.

On a slave server, **ypinit** creates the */var/yp/\$DOMAINNAME*, populates it with copies of the NIS maps from the master. The maps are obtained from the master using the *ypxfr(8)* utility. The **ypinit** utility obtains the list of maps to transfer in one of two ways: if the system is configured as an NIS client and is bound to the master server, **ypinit** is able to use the *ypwhich(1)* utility to obtain a list of maps exported by the master server. If the system is not configured as a client of the NIS master, **ypinit** uses a hardcoded list of maps, some of which may or may not actually exist on the master. The system administrator can edit the **ypinit** script and modify the map list if necessary. Otherwise, individual maps can be transferred manually from the master using *ypxfr(8)*.

## OPTIONS

The **ypinit** utility supports the following options:

**-m** [*domainname*]

Set up a master server. By default, **ypinit** sets up a server for the system default domain. The user can override this default by specifying *domainname* explicitly. Maps are constructed from scratch using local files as templates using the *yp\_mkdb(8)* utility.

**-s** *master\_server* [*domainname*]

Set up a slave server using *master\_name* as the master. Maps are copied from *master\_server* to the slave using *ypxfr(8)*. By default, **ypinit** sets up a server for the system default domain. The user can override this default by specifying *domainname* explicitly.

**-u** [*domainname*]

Update the ypservers map on the master server. When a new slave server is added to a domain, its hostname must be added to the ypservers map so that yppush(8) can propagate updates on the master to all of the slaves.

## FILES

<i>/etc/bootparams</i>	Bootparams source file
<i>/etc/ethers</i>	Ethers data source file
<i>/etc/eui64</i>	EUI64 data source file
<i>/etc/group</i>	Group source file
<i>/etc/hosts</i>	Hostname/IP address source file
<i>/etc/netid</i>	RPC netid source file
<i>/etc/networks</i>	Networks source file
<i>/etc/protocols</i>	Protocols source file
<i>/etc/publickey</i>	RPC public key/secret key source file
<i>/etc/services</i>	Services data source file
<i>/etc/shells</i>	Shells source file
<i>/var/yp/master.passwd</i>	Passwd database source file
<i>/var/yp/netgroup</i>	Netgroup data source file
<i>/var/yp/ypservers</i>	Ypservers source file (generated by <b>ypinit</b> )

## SEE ALSO

mknetid(8), revnetgroup(8), yp(8), yp\_mkdb(8), yppush(8), ypserv(8), ypxfr(8)

## HISTORY

This version of **ypinit** is based on the **ypinit** script in OpenBSD. It first appeared in FreeBSD 3.0.

## AUTHORS

The original script was written by Mats O Jansson <moj@stacken.kth.se>. It was modified for FreeBSD by Bill Paul <wpaul@ctr.columbia.edu>.