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/* resolve_domain_name */

#include <stdio.h>
#include <netdb.h>
#include <netinet/in.h>
#include <arpa/inet.h>

int main(int argc, char **argv)
{
    struct hostent *host;
    char **aliases;
    register int i;

    /* osetrenie poctu argumentov */
    if (argc != 2) {
        printf("Pouzitie: %s domain_name\n", argv[0]);
        printf("Napríklad: %s localhost\n", argv[0]);
        return(-1);
    }

    /* osetrenie existencie adresy (domain_name) */
    if (!(host=gethostbyname(argv[1]))) {
        printf("Chyba: nepodarilo sa najst %s\n", argv[1]);
        return(-1);
    }

    /* udaje o stroji s adresou domain_name */
    printf("Meno: %s\n", host->h_name);

    printf("Alias:");
    aliases=host->h_aliases;
    while (*aliases) {
        printf(" %s", *(aliases++));
    }

    i=0;
    printf("\nIP adresy:");
    while (host->h_addr_list[i]) {
        /* inet_ntoa() prevod do "bodkoveho" tvaru */
        printf(" %s", inet_ntoa(*(struct in_addr *)host->h_addr_list[i++]));
    }

    printf("\nPocet IP adries: %i\n", i);
    printf("Velkost IP adries: %iB\n", host->h_length);

    return 0;
}

```