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«СИБИРСКИЙ ФЕДЕРАЛЬНЫЙ УНИВЕРСИТЕТ»

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**ОТЧЕТ О ЛАБОРАТОРНОЙ РАБОТЕ**

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| --- |
| Лабораторная работа №5. Взаимодействие процессов в ОС GNU/Linux |
| Тема |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
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1. Цель работы

Цель состоит в особенностей межпроцессного взаимодействия в ОС GNU/Linux.

1. Задачи

Выполнение работы сводится к следующим задачам.

1. Ознакомление с теоретическим материалом по управлению областями виртуальной памяти в ОС GNU/Linux.
2. Разработка серверной и клиентской частей приложения в соответствии с полученным заданием, должен использоваться механизм Internet-сокетов и сетевых протоколов.
3. Написание настоящего отчета защита его с исходными текстами и исполняемым модулем программы. Исходные тексты программ должны содержать комментарии в стиле системы doxygen, настоящий отчет должен включать содержимое скрипта configure.

Требуется разработать две программы: первая реализует серверную часть, вторая – клиентскую часть. Обмен данными между ними организуется посредством механизма Internet-сокетов и протокола TCP либо UDP. Результат выполнения выводится на терминал/консоль. Должен использоваться интерфейс командной строки (CLI). При реализации обязательно использование изученных в лекционном курсе системных вызовов (ОС Linux), предназначенных для работы с сокетами. Программный код, относящийся к пользовательскому интерфейсу, должен быть физически отделен от кода, реализующего межпроцессное взаимодействие, и оба они, в свою очередь, отделены от кода реализации основной логики, например, вычислений.

Вариант 14. Клиент принимает от пользователя беззнаковое целое  
число N – основание системы счисления (диапазон (1..20]) и последовательность цифр в соответствии с заданной системой счисления, отсылает серверу. Сервер принимает основание системы счисления и число в этой системе, выводит число на экран, переводит его в десятичную систему, выводит на экран, осуществляет его реверс (меняет порядок следования знаков на обратный), выводит на экран значение измененной последовательности, переводит ее в десятичную систему и выводит его на экран.

1. Исходные тексты программы
   1. int open (const char \* file, int oflag, …);

Далее приведено содержимое файлов с исходным ходом программы.

Листинг 1 – Код в файле task14.h

/\*! \file task14.h

\* \brief Header file of functions with numeral systems

\* essential for task 14

\*/

#include <stdbool.h>

#include "input.h"

#include <inttypes.h>

#ifndef LAB1\_TASK14\_H

#define LAB1\_TASK14\_H

/\*! \struct taskData

\* \brief Struct for PerformTask() function

\*

\* \details Keeps data that is used as PerformTask() argument

\*/

typedef struct

{

/\*!

\* Number in required numeric system

\*/

char number[INPUT\_SIZE];

/\*!

\* Radix of numeric system

\*/

int8\_t radix;

} taskData;

/\*! \brief Performs task14 with required output

\*

\* \param data argument for task 14

\*/

void PerformTask(taskData\* data);

/\*! \brief Converts number in any (2-20) numeral system to decimal

\*

\* \param number number to convert.

\* \param radix radix of numeral system.

\* \return Integer conversion result.

\*/

int AnyNumeralSystemToDecimal(char\* number, int radix);

/\*! \brief Checks if number only contains digits, allowed for this numeral

\* system

\*

\* \param numberToCheck number to check.

\* \param radix radix of numeral system.

\* \return true if number only contains digits, allowed for this numeral

Окончание листинга 1

\* system, false - otherwise.

\*/

bool CheckRadixMatch(char\* numberToCheck, int radix);

/\*! \brief Checks if number is not too big to be written to int after

\* conversion

\*

\* \param numberToCheck number to check.

\* \param radix radix of numeral system.

\* \return true if number is not too big to be written to int after

\* conversion, false - otherwise

\*/

bool CheckIntOverflow(char\* numberToCheck, int radix);

/\*! \brief Checks if number can be numeral system radix for task 14

\*

\* \param intToCheck number to check.

\* \return true if number can be numeral system radix for task 14

\* false - otherwise

\*/

bool RadixInputCheck(int intToCheck);

#endif //LAB1\_TASK14\_H

Листинг 2 – Код в файле task14.c

/\*! \file input.c

\* \brief Implements functions of task14.h

\*/

#include "task14.h"

#include <math.h>

#include <string.h>

#include <stdbool.h>

#include <stdio.h>

/\*! \enum

\* \brief Essential constants for task 14

\*/

enum NumeralSystemsConstants

{

VIGESIMAL\_A = 'A', /\*\* Digit next to 9 \*/

MIN\_RADIX = 2, /\*\* Minimal numeral system radix \*/

MAX\_RADIX = 20 /\*\* Maximal numeral system radix for task \*/

};

void PerformTask(taskData\* data)

{

char reversedNumber[INPUT\_SIZE];

char\* number = data->number;

int8\_t radix = data->radix;

for (int i = (int) strlen(number) - 1; i >= 0; i--)

{

reversedNumber[strlen(number) - (i + 1)] = number[i];

}

Продолжение листинга 2

reversedNumber[strlen(number)] = '\0';

while (reversedNumber[strlen(reversedNumber) - 1] == '0')

{

reversedNumber[strlen(reversedNumber) - 1] = '\0';

}

printf("Original: %s\n", number);

printf("To decimal: %d\n",

AnyNumeralSystemToDecimal(number, radix));

printf("Reversed: %s\n", reversedNumber);

if (CheckIntOverflow(reversedNumber, radix))

{

printf("Reversed to decimal: %d\n",

AnyNumeralSystemToDecimal(reversedNumber, radix));

}

else

{

printf("Reversed number is too big");

}

}

int AnyNumeralSystemToDecimal(char\* number, int radix)

{

int result = 0;

int multiplier = 1;

int currentDigit;

for (int i = (int) strlen(number) - 1; i >= 0; i--)

{

if (number[i] >= VIGESIMAL\_A)

{

currentDigit = 10 + number[i] - VIGESIMAL\_A;

}

else

{

currentDigit = number[i] - '0';

}

result += currentDigit \* multiplier;

multiplier \*= radix;

}

return result;

}

bool CheckRadixMatch(char\* numberToCheck, int radix)

{

int currentDigit;

for (int i = 0; i < strlen(numberToCheck); i++)

{

if (numberToCheck[i] >= VIGESIMAL\_A)

{

currentDigit = 10 + numberToCheck[i] - VIGESIMAL\_A;

}

else

{

currentDigit = numberToCheck[i] - '0';

}

if (currentDigit >= radix || currentDigit < 0)

{

Окончание листинга 2

return false;

}

}

return true;

}

bool CheckIntOverflow(char\* numberToCheck, int radix)

{

return (double) strlen(numberToCheck) <

(log((double) \_\_INT\_MAX\_\_) / log((double) radix) - 1);

}

bool RadixInputCheck(int intToCheck)

{

if (intToCheck < MIN\_RADIX || intToCheck > MAX\_RADIX)

{

return false;

}

return true;

}

Листинг 3 – Код в файле server.c

/\*! \file server.c

\* \brief Code of server executable and server's task

\*/

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <sys/socket.h>

#include <netinet/in.h>

#include <unistd.h>

#include <signal.h>

#include "task14.h"

/\*! \brief Catches ctrl+C signal, closes socket and terminates server

\*

\* \param signum caught signal

\* \param socketToClose descriptor of socket to close before terminating

\*/

void serverKiller(int signum, int socketToClose) {

printf("Caught signal %d\n", signum);

if(signum == SIGINT)

{

printf("Terminating server\n");

close(socketToClose);

exit(signum);

}

}

/\*! \brief Reads data from socket and calls PerformTask()

\*

\* \param serverSocket descriptor of socket to listen

\*/

int serverTask(int serverSocket)

Продолжение листинга 3

{

struct sockaddr\_in clientName;

socklen\_t clientNameLength = sizeof(clientName);

taskData\* data;

data = (taskData\*) malloc(sizeof(taskData));

int recvResult = (int) recvfrom(serverSocket, data, sizeof(taskData),

0,

(struct sockaddr\*) &clientName,

&clientNameLength);

if (-1 == recvResult)

{

perror("recvfrom");

}

if (recvResult > 0)

{

PerformTask(data);

}

free(data);

return 0;

}

/\*! \brief main function of server

\*/

int main(int argc, char\* const argv[])

{

if (argc < 2)

{

fprintf(stderr, "Too few parameters.\n");

return EXIT\_FAILURE;

}

int socketFileDescriptor = -1;

int portNumber = atoi(argv[1]);

struct sockaddr\_in name;

socketFileDescriptor = socket(AF\_INET, SOCK\_DGRAM, IPPROTO\_UDP);

int i = 1;

setsockopt(socketFileDescriptor, SOL\_SOCKET, SO\_REUSEADDR,

(const char\*) &i, sizeof(i)

);

bzero((char\*) &name, sizeof(name));

name.sin\_family = AF\_INET;

name.sin\_port = htons((u\_short) portNumber);

name.sin\_addr.s\_addr = INADDR\_ANY;

if (-1 == bind(socketFileDescriptor, (const struct sockaddr\*) &name,

sizeof(name)))

{

perror("bind ");

close(socketFileDescriptor);

exit(1);

}

signal(SIGINT, (void\*) serverKiller);

do

{

serverTask(socketFileDescriptor);

} while (true);

}

Листинг 4 – Код в файле client.c

/\*! \file client.c

\* \brief Code of client executable

\*/

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <sys/socket.h>

#include <netinet/in.h>

#include <unistd.h>

#include "task14.h"

/\*! \brief Catches ctrl+C signal, closes socket and terminates server

\* \details Parses CL arguments, checks them and sends to the server

\*/

int main(int argc, const char\* argv[])

{

if (argc != 5)

{

fprintf(stderr, "Expected arguments:\nServer address\nPort"

"number\nRadix (2-20)\nNumber (use \'A\' - \'J\' as"

"digits for >10-based systems\n");

return EXIT\_FAILURE;

}

taskData\* data;

data = (taskData\*) malloc(sizeof(taskData));

char\* strtolEndptr;

data->radix = (int8\_t) strtol(argv[3], &strtolEndptr, 10);

if (\*strtolEndptr != argv[3][strlen(argv[3])])

{

printf("Wrong radix format!\n");

return 0;

}

if (!RadixInputCheck(data->radix))

{

printf("Wrong radix format!\n");

return 0;

}

strcpy(data->number, argv[4]);

if (!(CheckIntOverflow(data->number, data->radix) &&

CheckRadixMatch(data->number, data->radix)))

{

printf("Wrong number format!\n");

return 0;

}

int socketFileDescriptor;

int portNumber = atoi(argv[2]);

struct sockaddr\_in name;

memset((char\*) &name, 0, sizeof(name));

name.sin\_family = AF\_INET;

name.sin\_addr.s\_addr = inet\_addr(argv[1]);

if (INADDR\_NONE == name.sin\_addr.s\_addr)

{

perror("inet\_addr");

Окончание листинга 4

exit(1);

}

name.sin\_port = htons((u\_short) portNumber);

socketFileDescriptor = socket(AF\_INET, SOCK\_DGRAM, IPPROTO\_UDP);

if (socketFileDescriptor < 0)

{

perror("socket");

exit(1);

}

int resSend;

resSend = (int) sendto(socketFileDescriptor, data, sizeof(taskData), 0,

(struct sockaddr\*) &name, sizeof(name));

if (0 > resSend)

{

perror("sendto");

exit(1);

}

close(socketFileDescriptor);

free(data);

return 0;

}

Листинг 5 – код в файле input.h

/\*! \file input.h

\* \brief Header containing essential input constants

\*/

#include <stdbool.h>

#ifndef LAB1\_INPUT\_H

#define LAB1\_INPUT\_H

/\*! \enum

\* \brief Size of string for input

\*/

enum Sizes

{

INPUT\_SIZE = 200

};

#endif //LAB1\_INPUT\_H

1. Содержимое скрипта configure

На следующем листинге приведено содержимое скрипта configure.

Листинг 6 – Код в файле configure

#! /bin/sh

# Guess values for system-dependent variables and create Makefiles.

# Generated by GNU Autoconf 2.69 for FULL-PACKAGE-NAME VERSION.

#

# Report bugs to <BUG-REPORT-ADDRESS>.

#

#

# Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

#

#

# This configure script is free software; the Free Software Foundation

# gives unlimited permission to copy, distribute and modify it.

## -------------------- ##

## M4sh Initialization. ##

## -------------------- ##

# Be more Bourne compatible

DUALCASE=1; export DUALCASE # for MKS sh

if test -n "${ZSH\_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then :

emulate sh

NULLCMD=:

# Pre-4.2 versions of Zsh do word splitting on ${1+"$@"}, which

# is contrary to our usage. Disable this feature.

alias -g '${1+"$@"}'='"$@"'

setopt NO\_GLOB\_SUBST

else

case `(set -o) 2>/dev/null` in #(

\*posix\*) :

set -o posix ;; #(

\*) :

;;

esac

fi

as\_nl='

'

export as\_nl

Продолжение листинга 6

# Printing a long string crashes Solaris 7 /usr/bin/printf.

as\_echo='\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\'

as\_echo=$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo

as\_echo=$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo

# Prefer a ksh shell builtin over an external printf program on Solaris,

# but without wasting forks for bash or zsh.

if test -z "$BASH\_VERSION$ZSH\_VERSION" \

&& (test "X`print -r -- $as\_echo`" = "X$as\_echo") 2>/dev/null; then

as\_echo='print -r --'

as\_echo\_n='print -rn --'

elif (test "X`printf %s $as\_echo`" = "X$as\_echo") 2>/dev/null; then

as\_echo='printf %s\n'

as\_echo\_n='printf %s'

else

if test "X`(/usr/ucb/echo -n -n $as\_echo) 2>/dev/null`" = "X-n $as\_echo"; then

as\_echo\_body='eval /usr/ucb/echo -n "$1$as\_nl"'

as\_echo\_n='/usr/ucb/echo -n'

else

as\_echo\_body='eval expr "X$1" : "X\\(.\*\\)"'

as\_echo\_n\_body='eval

arg=$1;

case $arg in #(

\*"$as\_nl"\*)

expr "X$arg" : "X\\(.\*\\)$as\_nl";

arg=`expr "X$arg" : ".\*$as\_nl\\(.\*\\)"`;;

esac;

expr "X$arg" : "X\\(.\*\\)" | tr -d "$as\_nl"

'

export as\_echo\_n\_body

as\_echo\_n='sh -c $as\_echo\_n\_body as\_echo'

fi

export as\_echo\_body

as\_echo='sh -c $as\_echo\_body as\_echo'

fi

# The user is always right.

if test "${PATH\_SEPARATOR+set}" != set; then

PATH\_SEPARATOR=:

(PATH='/bin;/bin'; FPATH=$PATH; sh -c :) >/dev/null 2>&1 && {

(PATH='/bin:/bin'; FPATH=$PATH; sh -c :) >/dev/null 2>&1 ||

Продолжение листинга 6

PATH\_SEPARATOR=';'

}

fi

# IFS

# We need space, tab and new line, in precisely that order. Quoting is

# there to prevent editors from complaining about space-tab.

# (If \_AS\_PATH\_WALK were called with IFS unset, it would disable word

# splitting by setting IFS to empty value.)

IFS=" "" $as\_nl"

# Find who we are. Look in the path if we contain no directory separator.

as\_myself=

case $0 in #((

\*[\\/]\* ) as\_myself=$0 ;;

\*) as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

test -r "$as\_dir/$0" && as\_myself=$as\_dir/$0 && break

done

IFS=$as\_save\_IFS

;;

esac

# We did not find ourselves, most probably we were run as `sh COMMAND'

# in which case we are not to be found in the path.

if test "x$as\_myself" = x; then

as\_myself=$0

fi

if test ! -f "$as\_myself"; then

$as\_echo "$as\_myself: error: cannot find myself; rerun with an absolute file name" >&2

exit 1

fi

# Unset variables that we do not need and which cause bugs (e.g. in

# pre-3.0 UWIN ksh). But do not cause bugs in bash 2.01; the "|| exit 1"

# suppresses any "Segmentation fault" message there. '((' could

Продолжение листинга 6

# trigger a bug in pdksh 5.2.14.

for as\_var in BASH\_ENV ENV MAIL MAILPATH

do eval test x\${$as\_var+set} = xset \

&& ( (unset $as\_var) || exit 1) >/dev/null 2>&1 && unset $as\_var || :

done

PS1='$ '

PS2='> '

PS4='+ '

# NLS nuisances.

LC\_ALL=C

export LC\_ALL

LANGUAGE=C

export LANGUAGE

# CDPATH.

(unset CDPATH) >/dev/null 2>&1 && unset CDPATH

# Use a proper internal environment variable to ensure we don't fall

# into an infinite loop, continuously re-executing ourselves.

if test x"${\_as\_can\_reexec}" != xno && test "x$CONFIG\_SHELL" != x; then

\_as\_can\_reexec=no; export \_as\_can\_reexec;

# We cannot yet assume a decent shell, so we have to provide a

# neutralization value for shells without unset; and this also

# works around shells that cannot unset nonexistent variables.

# Preserve -v and -x to the replacement shell.

BASH\_ENV=/dev/null

ENV=/dev/null

(unset BASH\_ENV) >/dev/null 2>&1 && unset BASH\_ENV ENV

case $- in # ((((

\*v\*x\* | \*x\*v\* ) as\_opts=-vx ;;

\*v\* ) as\_opts=-v ;;

\*x\* ) as\_opts=-x ;;

\* ) as\_opts= ;;

esac

exec $CONFIG\_SHELL $as\_opts "$as\_myself" ${1+"$@"}

# Admittedly, this is quite paranoid, since all the known shells bail

# out after a failed `exec'.

$as\_echo "$0: could not re-execute with $CONFIG\_SHELL" >&2

as\_fn\_exit 255

fi

Продолжение листинга 6

# We don't want this to propagate to other subprocesses.

{ \_as\_can\_reexec=; unset \_as\_can\_reexec;}

if test "x$CONFIG\_SHELL" = x; then

as\_bourne\_compatible="if test -n \"\${ZSH\_VERSION+set}\" && (emulate sh) >/dev/null 2>&1; then :

emulate sh

NULLCMD=:

# Pre-4.2 versions of Zsh do word splitting on \${1+\"\$@\"}, which

# is contrary to our usage. Disable this feature.

alias -g '\${1+\"\$@\"}'='\"\$@\"'

setopt NO\_GLOB\_SUBST

else

case \`(set -o) 2>/dev/null\` in #(

\*posix\*) :

set -o posix ;; #(

\*) :

;;

esac

fi

"

as\_required="as\_fn\_return () { (exit \$1); }

as\_fn\_success () { as\_fn\_return 0; }

as\_fn\_failure () { as\_fn\_return 1; }

as\_fn\_ret\_success () { return 0; }

as\_fn\_ret\_failure () { return 1; }

exitcode=0

as\_fn\_success || { exitcode=1; echo as\_fn\_success failed.; }

as\_fn\_failure && { exitcode=1; echo as\_fn\_failure succeeded.; }

as\_fn\_ret\_success || { exitcode=1; echo as\_fn\_ret\_success failed.; }

as\_fn\_ret\_failure && { exitcode=1; echo as\_fn\_ret\_failure succeeded.; }

if ( set x; as\_fn\_ret\_success y && test x = \"\$1\" ); then :

else

exitcode=1; echo positional parameters were not saved.

fi

test x\$exitcode = x0 || exit 1

test -x / || exit 1"

as\_suggested=" as\_lineno\_1=";as\_suggested=$as\_suggested$LINENO;as\_suggested=$as\_suggested" as\_lineno\_1a=\$LINENO

Продолжение листинга 6

as\_lineno\_2=";as\_suggested=$as\_suggested$LINENO;as\_suggested=$as\_suggested" as\_lineno\_2a=\$LINENO

eval 'test \"x\$as\_lineno\_1'\$as\_run'\" != \"x\$as\_lineno\_2'\$as\_run'\" &&

test \"x\`expr \$as\_lineno\_1'\$as\_run' + 1\`\" = \"x\$as\_lineno\_2'\$as\_run'\"' || exit 1

test \$(( 1 + 1 )) = 2 || exit 1"

if (eval "$as\_required") 2>/dev/null; then :

as\_have\_required=yes

else

as\_have\_required=no

fi

if test x$as\_have\_required = xyes && (eval "$as\_suggested") 2>/dev/null; then :

else

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

as\_found=false

for as\_dir in /bin$PATH\_SEPARATOR/usr/bin$PATH\_SEPARATOR$PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

as\_found=:

case $as\_dir in #(

/\*)

for as\_base in sh bash ksh sh5; do

# Try only shells that exist, to save several forks.

as\_shell=$as\_dir/$as\_base

if { test -f "$as\_shell" || test -f "$as\_shell.exe"; } &&

{ $as\_echo "$as\_bourne\_compatible""$as\_required" | as\_run=a "$as\_shell"; } 2>/dev/null; then :

CONFIG\_SHELL=$as\_shell as\_have\_required=yes

if { $as\_echo "$as\_bourne\_compatible""$as\_suggested" | as\_run=a "$as\_shell"; } 2>/dev/null; then :

break 2

fi

fi

done;;

esac

as\_found=false

done

$as\_found || { if { test -f "$SHELL" || test -f "$SHELL.exe"; } &&

Продолжение листинга 6

{ $as\_echo "$as\_bourne\_compatible""$as\_required" | as\_run=a "$SHELL"; } 2>/dev/null; then :

CONFIG\_SHELL=$SHELL as\_have\_required=yes

fi; }

IFS=$as\_save\_IFS

if test "x$CONFIG\_SHELL" != x; then :

export CONFIG\_SHELL

# We cannot yet assume a decent shell, so we have to provide a

# neutralization value for shells without unset; and this also

# works around shells that cannot unset nonexistent variables.

# Preserve -v and -x to the replacement shell.

BASH\_ENV=/dev/null

ENV=/dev/null

(unset BASH\_ENV) >/dev/null 2>&1 && unset BASH\_ENV ENV

case $- in # ((((

\*v\*x\* | \*x\*v\* ) as\_opts=-vx ;;

\*v\* ) as\_opts=-v ;;

\*x\* ) as\_opts=-x ;;

\* ) as\_opts= ;;

esac

exec $CONFIG\_SHELL $as\_opts "$as\_myself" ${1+"$@"}

# Admittedly, this is quite paranoid, since all the known shells bail

# out after a failed `exec'.

$as\_echo "$0: could not re-execute with $CONFIG\_SHELL" >&2

exit 255

fi

if test x$as\_have\_required = xno; then :

$as\_echo "$0: This script requires a shell more modern than all"

$as\_echo "$0: the shells that I found on your system."

if test x${ZSH\_VERSION+set} = xset ; then

$as\_echo "$0: In particular, zsh $ZSH\_VERSION has bugs and should"

$as\_echo "$0: be upgraded to zsh 4.3.4 or later."

else

$as\_echo "$0: Please tell bug-autoconf@gnu.org and BUG-REPORT-ADDRESS

$0: about your system, including any error possibly output

$0: before this message. Then install a modern shell, or

$0: manually run the script under such a shell if you do

$0: have one."

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fi

exit 1

fi

fi

fi

SHELL=${CONFIG\_SHELL-/bin/sh}

export SHELL

# Unset more variables known to interfere with behavior of common tools.

CLICOLOR\_FORCE= GREP\_OPTIONS=

unset CLICOLOR\_FORCE GREP\_OPTIONS

## --------------------- ##

## M4sh Shell Functions. ##

## --------------------- ##

# as\_fn\_unset VAR

# ---------------

# Portably unset VAR.

as\_fn\_unset ()

{

{ eval $1=; unset $1;}

}

as\_unset=as\_fn\_unset

# as\_fn\_set\_status STATUS

# -----------------------

# Set $? to STATUS, without forking.

as\_fn\_set\_status ()

{

return $1

} # as\_fn\_set\_status

# as\_fn\_exit STATUS

# -----------------

# Exit the shell with STATUS, even in a "trap 0" or "set -e" context.

as\_fn\_exit ()

{

set +e

as\_fn\_set\_status $1

exit $1

} # as\_fn\_exit

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# as\_fn\_mkdir\_p

# -------------

# Create "$as\_dir" as a directory, including parents if necessary.

as\_fn\_mkdir\_p ()

{

case $as\_dir in #(

-\*) as\_dir=./$as\_dir;;

esac

test -d "$as\_dir" || eval $as\_mkdir\_p || {

as\_dirs=

while :; do

case $as\_dir in #(

\*\'\*) as\_qdir=`$as\_echo "$as\_dir" | sed "s/'/'\\\\\\\\''/g"`;; #'(

\*) as\_qdir=$as\_dir;;

esac

as\_dirs="'$as\_qdir' $as\_dirs"

as\_dir=`$as\_dirname -- "$as\_dir" ||

$as\_expr X"$as\_dir" : 'X\(.\*[^/]\)//\*[^/][^/]\*/\*$' \| \

X"$as\_dir" : 'X\(//\)[^/]' \| \

X"$as\_dir" : 'X\(//\)$' \| \

X"$as\_dir" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X"$as\_dir" |

sed '/^X\(.\*[^/]\)\/\/\*[^/][^/]\*\/\*$/{

s//\1/

q

}

/^X\(\/\/\)[^/].\*/{

s//\1/

q

}

/^X\(\/\/\)$/{

s//\1/

q

}

/^X\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

test -d "$as\_dir" && break

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done

test -z "$as\_dirs" || eval "mkdir $as\_dirs"

} || test -d "$as\_dir" || as\_fn\_error $? "cannot create directory $as\_dir"

} # as\_fn\_mkdir\_p

# as\_fn\_executable\_p FILE

# -----------------------

# Test if FILE is an executable regular file.

as\_fn\_executable\_p ()

{

test -f "$1" && test -x "$1"

} # as\_fn\_executable\_p

# as\_fn\_append VAR VALUE

# ----------------------

# Append the text in VALUE to the end of the definition contained in VAR. Take

# advantage of any shell optimizations that allow amortized linear growth over

# repeated appends, instead of the typical quadratic growth present in naive

# implementations.

if (eval "as\_var=1; as\_var+=2; test x\$as\_var = x12") 2>/dev/null; then :

eval 'as\_fn\_append ()

{

eval $1+=\$2

}'

else

as\_fn\_append ()

{

eval $1=\$$1\$2

}

fi # as\_fn\_append

# as\_fn\_arith ARG...

# ------------------

# Perform arithmetic evaluation on the ARGs, and store the result in the

# global $as\_val. Take advantage of shells that can avoid forks. The arguments

# must be portable across $(()) and expr.

if (eval "test \$(( 1 + 1 )) = 2") 2>/dev/null; then :

eval 'as\_fn\_arith ()

{

as\_val=$(( $\* ))

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}'

else

as\_fn\_arith ()

{

as\_val=`expr "$@" || test $? -eq 1`

}

fi # as\_fn\_arith

# as\_fn\_error STATUS ERROR [LINENO LOG\_FD]

# ----------------------------------------

# Output "`basename $0`: error: ERROR" to stderr. If LINENO and LOG\_FD are

# provided, also output the error to LOG\_FD, referencing LINENO. Then exit the

# script with STATUS, using 1 if that was 0.

as\_fn\_error ()

{

as\_status=$1; test $as\_status -eq 0 && as\_status=1

if test "$4"; then

as\_lineno=${as\_lineno-"$3"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

$as\_echo "$as\_me:${as\_lineno-$LINENO}: error: $2" >&$4

fi

$as\_echo "$as\_me: error: $2" >&2

as\_fn\_exit $as\_status

} # as\_fn\_error

if expr a : '\(a\)' >/dev/null 2>&1 &&

test "X`expr 00001 : '.\*\(...\)'`" = X001; then

as\_expr=expr

else

as\_expr=false

fi

if (basename -- /) >/dev/null 2>&1 && test "X`basename -- / 2>&1`" = "X/"; then

as\_basename=basename

else

as\_basename=false

fi

if (as\_dir=`dirname -- /` && test "X$as\_dir" = X/) >/dev/null 2>&1; then

as\_dirname=dirname

else

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as\_dirname=false

fi

as\_me=`$as\_basename -- "$0" ||

$as\_expr X/"$0" : '.\*/\([^/][^/]\*\)/\*$' \| \

X"$0" : 'X\(//\)$' \| \

X"$0" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X/"$0" |

sed '/^.\*\/\([^/][^/]\*\)\/\*$/{

s//\1/

q

}

/^X\/\(\/\/\)$/{

s//\1/

q

}

/^X\/\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

# Avoid depending upon Character Ranges.

as\_cr\_letters='abcdefghijklmnopqrstuvwxyz'

as\_cr\_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'

as\_cr\_Letters=$as\_cr\_letters$as\_cr\_LETTERS

as\_cr\_digits='0123456789'

as\_cr\_alnum=$as\_cr\_Letters$as\_cr\_digits

as\_lineno\_1=$LINENO as\_lineno\_1a=$LINENO

as\_lineno\_2=$LINENO as\_lineno\_2a=$LINENO

eval 'test "x$as\_lineno\_1'$as\_run'" != "x$as\_lineno\_2'$as\_run'" &&

test "x`expr $as\_lineno\_1'$as\_run' + 1`" = "x$as\_lineno\_2'$as\_run'"' || {

# Blame Lee E. McMahon (1931-1989) for sed's syntax. :-)

sed -n '

p

/[$]LINENO/=

' <$as\_myself |

sed '

s/[$]LINENO.\*/&-/

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t lineno

b

:lineno

N

:loop

s/[$]LINENO\([^'$as\_cr\_alnum'\_].\*\n\)\(.\*\)/\2\1\2/

t loop

s/-\n.\*//

' >$as\_me.lineno &&

chmod +x "$as\_me.lineno" ||

{ $as\_echo "$as\_me: error: cannot create $as\_me.lineno; rerun with a POSIX shell" >&2; as\_fn\_exit 1; }

# If we had to re-execute with $CONFIG\_SHELL, we're ensured to have

# already done that, so ensure we don't try to do so again and fall

# in an infinite loop. This has already happened in practice.

\_as\_can\_reexec=no; export \_as\_can\_reexec

# Don't try to exec as it changes $[0], causing all sort of problems

# (the dirname of $[0] is not the place where we might find the

# original and so on. Autoconf is especially sensitive to this).

. "./$as\_me.lineno"

# Exit status is that of the last command.

exit

}

ECHO\_C= ECHO\_N= ECHO\_T=

case `echo -n x` in #(((((

-n\*)

case `echo 'xy\c'` in

\*c\*) ECHO\_T=' ';; # ECHO\_T is single tab character.

xy) ECHO\_C='\c';;

\*) echo `echo ksh88 bug on AIX 6.1` > /dev/null

ECHO\_T=' ';;

esac;;

\*)

ECHO\_N='-n';;

esac

rm -f conf$$ conf$$.exe conf$$.file

if test -d conf$$.dir; then

rm -f conf$$.dir/conf$$.file

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else

rm -f conf$$.dir

mkdir conf$$.dir 2>/dev/null

fi

if (echo >conf$$.file) 2>/dev/null; then

if ln -s conf$$.file conf$$ 2>/dev/null; then

as\_ln\_s='ln -s'

# ... but there are two gotchas:

# 1) On MSYS, both `ln -s file dir' and `ln file dir' fail.

# 2) DJGPP < 2.04 has no symlinks; `ln -s' creates a wrapper executable.

# In both cases, we have to default to `cp -pR'.

ln -s conf$$.file conf$$.dir 2>/dev/null && test ! -f conf$$.exe ||

as\_ln\_s='cp -pR'

elif ln conf$$.file conf$$ 2>/dev/null; then

as\_ln\_s=ln

else

as\_ln\_s='cp -pR'

fi

else

as\_ln\_s='cp -pR'

fi

rm -f conf$$ conf$$.exe conf$$.dir/conf$$.file conf$$.file

rmdir conf$$.dir 2>/dev/null

if mkdir -p . 2>/dev/null; then

as\_mkdir\_p='mkdir -p "$as\_dir"'

else

test -d ./-p && rmdir ./-p

as\_mkdir\_p=false

fi

as\_test\_x='test -x'

as\_executable\_p=as\_fn\_executable\_p

# Sed expression to map a string onto a valid CPP name.

as\_tr\_cpp="eval sed 'y%\*$as\_cr\_letters%P$as\_cr\_LETTERS%;s%[^\_$as\_cr\_alnum]%\_%g'"

# Sed expression to map a string onto a valid variable name.

as\_tr\_sh="eval sed 'y%\*+%pp%;s%[^\_$as\_cr\_alnum]%\_%g'"

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test -n "$DJDIR" || exec 7<&0 </dev/null

exec 6>&1

# Name of the host.

# hostname on some systems (SVR3.2, old GNU/Linux) returns a bogus exit status,

# so uname gets run too.

ac\_hostname=`(hostname || uname -n) 2>/dev/null | sed 1q`

#

# Initializations.

#

ac\_default\_prefix=/usr/local

ac\_clean\_files=

ac\_config\_libobj\_dir=.

LIBOBJS=

cross\_compiling=no

subdirs=

MFLAGS=

MAKEFLAGS=

# Identity of this package.

PACKAGE\_NAME='FULL-PACKAGE-NAME'

PACKAGE\_TARNAME='full-package-name'

PACKAGE\_VERSION='VERSION'

PACKAGE\_STRING='FULL-PACKAGE-NAME VERSION'

PACKAGE\_BUGREPORT='BUG-REPORT-ADDRESS'

PACKAGE\_URL=''

ac\_unique\_file="task14.c"

# Factoring default headers for most tests.

ac\_includes\_default="\

#include <stdio.h>

#ifdef HAVE\_SYS\_TYPES\_H

# include <sys/types.h>

#endif

#ifdef HAVE\_SYS\_STAT\_H

# include <sys/stat.h>

#endif

#ifdef STDC\_HEADERS

# include <stdlib.h>

# include <stddef.h>

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#else

# ifdef HAVE\_STDLIB\_H

# include <stdlib.h>

# endif

#endif

#ifdef HAVE\_STRING\_H

# if !defined STDC\_HEADERS && defined HAVE\_MEMORY\_H

# include <memory.h>

# endif

# include <string.h>

#endif

#ifdef HAVE\_STRINGS\_H

# include <strings.h>

#endif

#ifdef HAVE\_INTTYPES\_H

# include <inttypes.h>

#endif

#ifdef HAVE\_STDINT\_H

# include <stdint.h>

#endif

#ifdef HAVE\_UNISTD\_H

# include <unistd.h>

#endif"

ac\_subst\_vars='LTLIBOBJS

LIBOBJS

EGREP

GREP

CPP

OBJEXT

EXEEXT

ac\_ct\_CC

CPPFLAGS

LDFLAGS

CFLAGS

CC

target\_alias

host\_alias

build\_alias

LIBS

ECHO\_T

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ECHO\_N

ECHO\_C

DEFS

mandir

localedir

libdir

psdir

pdfdir

dvidir

htmldir

infodir

docdir

oldincludedir

includedir

runstatedir

localstatedir

sharedstatedir

sysconfdir

datadir

datarootdir

libexecdir

sbindir

bindir

program\_transform\_name

prefix

exec\_prefix

PACKAGE\_URL

PACKAGE\_BUGREPORT

PACKAGE\_STRING

PACKAGE\_VERSION

PACKAGE\_TARNAME

PACKAGE\_NAME

PATH\_SEPARATOR

SHELL'

ac\_subst\_files=''

ac\_user\_opts='

enable\_option\_checking

'

ac\_precious\_vars='build\_alias

host\_alias

target\_alias

Продолжение листинга 6

CC

CFLAGS

LDFLAGS

LIBS

CPPFLAGS

CPP'

# Initialize some variables set by options.

ac\_init\_help=

ac\_init\_version=false

ac\_unrecognized\_opts=

ac\_unrecognized\_sep=

# The variables have the same names as the options, with

# dashes changed to underlines.

cache\_file=/dev/null

exec\_prefix=NONE

no\_create=

no\_recursion=

prefix=NONE

program\_prefix=NONE

program\_suffix=NONE

program\_transform\_name=s,x,x,

silent=

site=

srcdir=

verbose=

x\_includes=NONE

x\_libraries=NONE

# Installation directory options.

# These are left unexpanded so users can "make install exec\_prefix=/foo"

# and all the variables that are supposed to be based on exec\_prefix

# by default will actually change.

# Use braces instead of parens because sh, perl, etc. also accept them.

# (The list follows the same order as the GNU Coding Standards.)

bindir='${exec\_prefix}/bin'

sbindir='${exec\_prefix}/sbin'

libexecdir='${exec\_prefix}/libexec'

datarootdir='${prefix}/share'

datadir='${datarootdir}'

Продолжение листинга 6

sysconfdir='${prefix}/etc'

sharedstatedir='${prefix}/com'

localstatedir='${prefix}/var'

runstatedir='${localstatedir}/run'

includedir='${prefix}/include'

oldincludedir='/usr/include'

docdir='${datarootdir}/doc/${PACKAGE\_TARNAME}'

infodir='${datarootdir}/info'

htmldir='${docdir}'

dvidir='${docdir}'

pdfdir='${docdir}'

psdir='${docdir}'

libdir='${exec\_prefix}/lib'

localedir='${datarootdir}/locale'

mandir='${datarootdir}/man'

ac\_prev=

ac\_dashdash=

for ac\_option

do

# If the previous option needs an argument, assign it.

if test -n "$ac\_prev"; then

eval $ac\_prev=\$ac\_option

ac\_prev=

continue

fi

case $ac\_option in

\*=?\*) ac\_optarg=`expr "X$ac\_option" : '[^=]\*=\(.\*\)'` ;;

\*=) ac\_optarg= ;;

\*) ac\_optarg=yes ;;

esac

# Accept the important Cygnus configure options, so we can diagnose typos.

case $ac\_dashdash$ac\_option in

--)

ac\_dashdash=yes ;;

-bindir | --bindir | --bindi | --bind | --bin | --bi)

ac\_prev=bindir ;;

Продолжение листинга 6

-bindir=\* | --bindir=\* | --bindi=\* | --bind=\* | --bin=\* | --bi=\*)

bindir=$ac\_optarg ;;

-build | --build | --buil | --bui | --bu)

ac\_prev=build\_alias ;;

-build=\* | --build=\* | --buil=\* | --bui=\* | --bu=\*)

build\_alias=$ac\_optarg ;;

-cache-file | --cache-file | --cache-fil | --cache-fi \

| --cache-f | --cache- | --cache | --cach | --cac | --ca | --c)

ac\_prev=cache\_file ;;

-cache-file=\* | --cache-file=\* | --cache-fil=\* | --cache-fi=\* \

| --cache-f=\* | --cache-=\* | --cache=\* | --cach=\* | --cac=\* | --ca=\* | --c=\*)

cache\_file=$ac\_optarg ;;

--config-cache | -C)

cache\_file=config.cache ;;

-datadir | --datadir | --datadi | --datad)

ac\_prev=datadir ;;

-datadir=\* | --datadir=\* | --datadi=\* | --datad=\*)

datadir=$ac\_optarg ;;

-datarootdir | --datarootdir | --datarootdi | --datarootd | --dataroot \

| --dataroo | --dataro | --datar)

ac\_prev=datarootdir ;;

-datarootdir=\* | --datarootdir=\* | --datarootdi=\* | --datarootd=\* \

| --dataroot=\* | --dataroo=\* | --dataro=\* | --datar=\*)

datarootdir=$ac\_optarg ;;

-disable-\* | --disable-\*)

ac\_useropt=`expr "x$ac\_option" : 'x-\*disable-\(.\*\)'`

# Reject names that are not valid shell variable names.

expr "x$ac\_useropt" : ".\*[^-+.\_$as\_cr\_alnum]" >/dev/null &&

as\_fn\_error $? "invalid feature name: $ac\_useropt"

ac\_useropt\_orig=$ac\_useropt

ac\_useropt=`$as\_echo "$ac\_useropt" | sed 's/[-+.]/\_/g'`

case $ac\_user\_opts in

\*"

"enable\_$ac\_useropt"

"\*) ;;

Продолжение листинга 6

\*) ac\_unrecognized\_opts="$ac\_unrecognized\_opts$ac\_unrecognized\_sep--disable-$ac\_useropt\_orig"

ac\_unrecognized\_sep=', ';;

esac

eval enable\_$ac\_useropt=no ;;

-docdir | --docdir | --docdi | --doc | --do)

ac\_prev=docdir ;;

-docdir=\* | --docdir=\* | --docdi=\* | --doc=\* | --do=\*)

docdir=$ac\_optarg ;;

-dvidir | --dvidir | --dvidi | --dvid | --dvi | --dv)

ac\_prev=dvidir ;;

-dvidir=\* | --dvidir=\* | --dvidi=\* | --dvid=\* | --dvi=\* | --dv=\*)

dvidir=$ac\_optarg ;;

-enable-\* | --enable-\*)

ac\_useropt=`expr "x$ac\_option" : 'x-\*enable-\([^=]\*\)'`

# Reject names that are not valid shell variable names.

expr "x$ac\_useropt" : ".\*[^-+.\_$as\_cr\_alnum]" >/dev/null &&

as\_fn\_error $? "invalid feature name: $ac\_useropt"

ac\_useropt\_orig=$ac\_useropt

ac\_useropt=`$as\_echo "$ac\_useropt" | sed 's/[-+.]/\_/g'`

case $ac\_user\_opts in

\*"

"enable\_$ac\_useropt"

"\*) ;;

\*) ac\_unrecognized\_opts="$ac\_unrecognized\_opts$ac\_unrecognized\_sep--enable-$ac\_useropt\_orig"

ac\_unrecognized\_sep=', ';;

esac

eval enable\_$ac\_useropt=\$ac\_optarg ;;

-exec-prefix | --exec\_prefix | --exec-prefix | --exec-prefi \

| --exec-pref | --exec-pre | --exec-pr | --exec-p | --exec- \

| --exec | --exe | --ex)

ac\_prev=exec\_prefix ;;

-exec-prefix=\* | --exec\_prefix=\* | --exec-prefix=\* | --exec-prefi=\* \

| --exec-pref=\* | --exec-pre=\* | --exec-pr=\* | --exec-p=\* | --exec-=\* \

| --exec=\* | --exe=\* | --ex=\*)

exec\_prefix=$ac\_optarg ;;

Продолжение листинга 6

-gas | --gas | --ga | --g)

# Obsolete; use --with-gas.

with\_gas=yes ;;

-help | --help | --hel | --he | -h)

ac\_init\_help=long ;;

-help=r\* | --help=r\* | --hel=r\* | --he=r\* | -hr\*)

ac\_init\_help=recursive ;;

-help=s\* | --help=s\* | --hel=s\* | --he=s\* | -hs\*)

ac\_init\_help=short ;;

-host | --host | --hos | --ho)

ac\_prev=host\_alias ;;

-host=\* | --host=\* | --hos=\* | --ho=\*)

host\_alias=$ac\_optarg ;;

-htmldir | --htmldir | --htmldi | --htmld | --html | --htm | --ht)

ac\_prev=htmldir ;;

-htmldir=\* | --htmldir=\* | --htmldi=\* | --htmld=\* | --html=\* | --htm=\* \

| --ht=\*)

htmldir=$ac\_optarg ;;

-includedir | --includedir | --includedi | --included | --include \

| --includ | --inclu | --incl | --inc)

ac\_prev=includedir ;;

-includedir=\* | --includedir=\* | --includedi=\* | --included=\* | --include=\* \

| --includ=\* | --inclu=\* | --incl=\* | --inc=\*)

includedir=$ac\_optarg ;;

-infodir | --infodir | --infodi | --infod | --info | --inf)

ac\_prev=infodir ;;

-infodir=\* | --infodir=\* | --infodi=\* | --infod=\* | --info=\* | --inf=\*)

infodir=$ac\_optarg ;;

-libdir | --libdir | --libdi | --libd)

ac\_prev=libdir ;;

-libdir=\* | --libdir=\* | --libdi=\* | --libd=\*)

libdir=$ac\_optarg ;;

-libexecdir | --libexecdir | --libexecdi | --libexecd | --libexec \

Продолжение листинга 6

| --libexe | --libex | --libe)

ac\_prev=libexecdir ;;

-libexecdir=\* | --libexecdir=\* | --libexecdi=\* | --libexecd=\* | --libexec=\* \

| --libexe=\* | --libex=\* | --libe=\*)

libexecdir=$ac\_optarg ;;

-localedir | --localedir | --localedi | --localed | --locale)

ac\_prev=localedir ;;

-localedir=\* | --localedir=\* | --localedi=\* | --localed=\* | --locale=\*)

localedir=$ac\_optarg ;;

-localstatedir | --localstatedir | --localstatedi | --localstated \

| --localstate | --localstat | --localsta | --localst | --locals)

ac\_prev=localstatedir ;;

-localstatedir=\* | --localstatedir=\* | --localstatedi=\* | --localstated=\* \

| --localstate=\* | --localstat=\* | --localsta=\* | --localst=\* | --locals=\*)

localstatedir=$ac\_optarg ;;

-mandir | --mandir | --mandi | --mand | --man | --ma | --m)

ac\_prev=mandir ;;

-mandir=\* | --mandir=\* | --mandi=\* | --mand=\* | --man=\* | --ma=\* | --m=\*)

mandir=$ac\_optarg ;;

-nfp | --nfp | --nf)

# Obsolete; use --without-fp.

with\_fp=no ;;

-no-create | --no-create | --no-creat | --no-crea | --no-cre \

| --no-cr | --no-c | -n)

no\_create=yes ;;

-no-recursion | --no-recursion | --no-recursio | --no-recursi \

| --no-recurs | --no-recur | --no-recu | --no-rec | --no-re | --no-r)

no\_recursion=yes ;;

-oldincludedir | --oldincludedir | --oldincludedi | --oldincluded \

| --oldinclude | --oldinclud | --oldinclu | --oldincl | --oldinc \

| --oldin | --oldi | --old | --ol | --o)

ac\_prev=oldincludedir ;;

-oldincludedir=\* | --oldincludedir=\* | --oldincludedi=\* | --oldincluded=\* \

| --oldinclude=\* | --oldinclud=\* | --oldinclu=\* | --oldincl=\* | --oldinc=\* \

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| --oldin=\* | --oldi=\* | --old=\* | --ol=\* | --o=\*)

oldincludedir=$ac\_optarg ;;

-prefix | --prefix | --prefi | --pref | --pre | --pr | --p)

ac\_prev=prefix ;;

-prefix=\* | --prefix=\* | --prefi=\* | --pref=\* | --pre=\* | --pr=\* | --p=\*)

prefix=$ac\_optarg ;;

-program-prefix | --program-prefix | --program-prefi | --program-pref \

| --program-pre | --program-pr | --program-p)

ac\_prev=program\_prefix ;;

-program-prefix=\* | --program-prefix=\* | --program-prefi=\* \

| --program-pref=\* | --program-pre=\* | --program-pr=\* | --program-p=\*)

program\_prefix=$ac\_optarg ;;

-program-suffix | --program-suffix | --program-suffi | --program-suff \

| --program-suf | --program-su | --program-s)

ac\_prev=program\_suffix ;;

-program-suffix=\* | --program-suffix=\* | --program-suffi=\* \

| --program-suff=\* | --program-suf=\* | --program-su=\* | --program-s=\*)

program\_suffix=$ac\_optarg ;;

-program-transform-name | --program-transform-name \

| --program-transform-nam | --program-transform-na \

| --program-transform-n | --program-transform- \

| --program-transform | --program-transfor \

| --program-transfo | --program-transf \

| --program-trans | --program-tran \

| --progr-tra | --program-tr | --program-t)

ac\_prev=program\_transform\_name ;;

-program-transform-name=\* | --program-transform-name=\* \

| --program-transform-nam=\* | --program-transform-na=\* \

| --program-transform-n=\* | --program-transform-=\* \

| --program-transform=\* | --program-transfor=\* \

| --program-transfo=\* | --program-transf=\* \

| --program-trans=\* | --program-tran=\* \

| --progr-tra=\* | --program-tr=\* | --program-t=\*)

program\_transform\_name=$ac\_optarg ;;

-pdfdir | --pdfdir | --pdfdi | --pdfd | --pdf | --pd)

ac\_prev=pdfdir ;;

Продолжение листинга 6

-pdfdir=\* | --pdfdir=\* | --pdfdi=\* | --pdfd=\* | --pdf=\* | --pd=\*)

pdfdir=$ac\_optarg ;;

-psdir | --psdir | --psdi | --psd | --ps)

ac\_prev=psdir ;;

-psdir=\* | --psdir=\* | --psdi=\* | --psd=\* | --ps=\*)

psdir=$ac\_optarg ;;

-q | -quiet | --quiet | --quie | --qui | --qu | --q \

| -silent | --silent | --silen | --sile | --sil)

silent=yes ;;

-runstatedir | --runstatedir | --runstatedi | --runstated \

| --runstate | --runstat | --runsta | --runst | --runs \

| --run | --ru | --r)

ac\_prev=runstatedir ;;

-runstatedir=\* | --runstatedir=\* | --runstatedi=\* | --runstated=\* \

| --runstate=\* | --runstat=\* | --runsta=\* | --runst=\* | --runs=\* \

| --run=\* | --ru=\* | --r=\*)

runstatedir=$ac\_optarg ;;

-sbindir | --sbindir | --sbindi | --sbind | --sbin | --sbi | --sb)

ac\_prev=sbindir ;;

-sbindir=\* | --sbindir=\* | --sbindi=\* | --sbind=\* | --sbin=\* \

| --sbi=\* | --sb=\*)

sbindir=$ac\_optarg ;;

-sharedstatedir | --sharedstatedir | --sharedstatedi \

| --sharedstated | --sharedstate | --sharedstat | --sharedsta \

| --sharedst | --shareds | --shared | --share | --shar \

| --sha | --sh)

ac\_prev=sharedstatedir ;;

-sharedstatedir=\* | --sharedstatedir=\* | --sharedstatedi=\* \

| --sharedstated=\* | --sharedstate=\* | --sharedstat=\* | --sharedsta=\* \

| --sharedst=\* | --shareds=\* | --shared=\* | --share=\* | --shar=\* \

| --sha=\* | --sh=\*)

sharedstatedir=$ac\_optarg ;;

-site | --site | --sit)

ac\_prev=site ;;

-site=\* | --site=\* | --sit=\*)

Продолжение листинга 6

site=$ac\_optarg ;;

-srcdir | --srcdir | --srcdi | --srcd | --src | --sr)

ac\_prev=srcdir ;;

-srcdir=\* | --srcdir=\* | --srcdi=\* | --srcd=\* | --src=\* | --sr=\*)

srcdir=$ac\_optarg ;;

-sysconfdir | --sysconfdir | --sysconfdi | --sysconfd | --sysconf \

| --syscon | --sysco | --sysc | --sys | --sy)

ac\_prev=sysconfdir ;;

-sysconfdir=\* | --sysconfdir=\* | --sysconfdi=\* | --sysconfd=\* | --sysconf=\* \

| --syscon=\* | --sysco=\* | --sysc=\* | --sys=\* | --sy=\*)

sysconfdir=$ac\_optarg ;;

-target | --target | --targe | --targ | --tar | --ta | --t)

ac\_prev=target\_alias ;;

-target=\* | --target=\* | --targe=\* | --targ=\* | --tar=\* | --ta=\* | --t=\*)

target\_alias=$ac\_optarg ;;

-v | -verbose | --verbose | --verbos | --verbo | --verb)

verbose=yes ;;

-version | --version | --versio | --versi | --vers | -V)

ac\_init\_version=: ;;

-with-\* | --with-\*)

ac\_useropt=`expr "x$ac\_option" : 'x-\*with-\([^=]\*\)'`

# Reject names that are not valid shell variable names.

expr "x$ac\_useropt" : ".\*[^-+.\_$as\_cr\_alnum]" >/dev/null &&

as\_fn\_error $? "invalid package name: $ac\_useropt"

ac\_useropt\_orig=$ac\_useropt

ac\_useropt=`$as\_echo "$ac\_useropt" | sed 's/[-+.]/\_/g'`

case $ac\_user\_opts in

\*"

"with\_$ac\_useropt"

"\*) ;;

\*) ac\_unrecognized\_opts="$ac\_unrecognized\_opts$ac\_unrecognized\_sep--with-$ac\_useropt\_orig"

ac\_unrecognized\_sep=', ';;

esac

eval with\_$ac\_useropt=\$ac\_optarg ;;

Продолжение листинга 6

-without-\* | --without-\*)

ac\_useropt=`expr "x$ac\_option" : 'x-\*without-\(.\*\)'`

# Reject names that are not valid shell variable names.

expr "x$ac\_useropt" : ".\*[^-+.\_$as\_cr\_alnum]" >/dev/null &&

as\_fn\_error $? "invalid package name: $ac\_useropt"

ac\_useropt\_orig=$ac\_useropt

ac\_useropt=`$as\_echo "$ac\_useropt" | sed 's/[-+.]/\_/g'`

case $ac\_user\_opts in

\*"

"with\_$ac\_useropt"

"\*) ;;

\*) ac\_unrecognized\_opts="$ac\_unrecognized\_opts$ac\_unrecognized\_sep--without-$ac\_useropt\_orig"

ac\_unrecognized\_sep=', ';;

esac

eval with\_$ac\_useropt=no ;;

--x)

# Obsolete; use --with-x.

with\_x=yes ;;

-x-includes | --x-includes | --x-include | --x-includ | --x-inclu \

| --x-incl | --x-inc | --x-in | --x-i)

ac\_prev=x\_includes ;;

-x-includes=\* | --x-includes=\* | --x-include=\* | --x-includ=\* | --x-inclu=\* \

| --x-incl=\* | --x-inc=\* | --x-in=\* | --x-i=\*)

x\_includes=$ac\_optarg ;;

-x-libraries | --x-libraries | --x-librarie | --x-librari \

| --x-librar | --x-libra | --x-libr | --x-lib | --x-li | --x-l)

ac\_prev=x\_libraries ;;

-x-libraries=\* | --x-libraries=\* | --x-librarie=\* | --x-librari=\* \

| --x-librar=\* | --x-libra=\* | --x-libr=\* | --x-lib=\* | --x-li=\* | --x-l=\*)

x\_libraries=$ac\_optarg ;;

-\*) as\_fn\_error $? "unrecognized option: \`$ac\_option'

Try \`$0 --help' for more information"

;;

\*=\*)

Продолжение листинга 6

ac\_envvar=`expr "x$ac\_option" : 'x\([^=]\*\)='`

# Reject names that are not valid shell variable names.

case $ac\_envvar in #(

'' | [0-9]\* | \*[!\_$as\_cr\_alnum]\* )

as\_fn\_error $? "invalid variable name: \`$ac\_envvar'" ;;

esac

eval $ac\_envvar=\$ac\_optarg

export $ac\_envvar ;;

\*)

# FIXME: should be removed in autoconf 3.0.

$as\_echo "$as\_me: WARNING: you should use --build, --host, --target" >&2

expr "x$ac\_option" : ".\*[^-.\_$as\_cr\_alnum]" >/dev/null &&

$as\_echo "$as\_me: WARNING: invalid host type: $ac\_option" >&2

: "${build\_alias=$ac\_option} ${host\_alias=$ac\_option} ${target\_alias=$ac\_option}"

;;

esac

done

if test -n "$ac\_prev"; then

ac\_option=--`echo $ac\_prev | sed 's/\_/-/g'`

as\_fn\_error $? "missing argument to $ac\_option"

fi

if test -n "$ac\_unrecognized\_opts"; then

case $enable\_option\_checking in

no) ;;

fatal) as\_fn\_error $? "unrecognized options: $ac\_unrecognized\_opts" ;;

\*) $as\_echo "$as\_me: WARNING: unrecognized options: $ac\_unrecognized\_opts" >&2 ;;

esac

fi

# Check all directory arguments for consistency.

for ac\_var in exec\_prefix prefix bindir sbindir libexecdir datarootdir \

datadir sysconfdir sharedstatedir localstatedir includedir \

oldincludedir docdir infodir htmldir dvidir pdfdir psdir \

libdir localedir mandir runstatedir

do

Продолжение листинга 6

eval ac\_val=\$$ac\_var

# Remove trailing slashes.

case $ac\_val in

\*/ )

ac\_val=`expr "X$ac\_val" : 'X\(.\*[^/]\)' \| "X$ac\_val" : 'X\(.\*\)'`

eval $ac\_var=\$ac\_val;;

esac

# Be sure to have absolute directory names.

case $ac\_val in

[\\/$]\* | ?:[\\/]\* ) continue;;

NONE | '' ) case $ac\_var in \*prefix ) continue;; esac;;

esac

as\_fn\_error $? "expected an absolute directory name for --$ac\_var: $ac\_val"

done

# There might be people who depend on the old broken behavior: `$host'

# used to hold the argument of --host etc.

# FIXME: To remove some day.

build=$build\_alias

host=$host\_alias

target=$target\_alias

# FIXME: To remove some day.

if test "x$host\_alias" != x; then

if test "x$build\_alias" = x; then

cross\_compiling=maybe

elif test "x$build\_alias" != "x$host\_alias"; then

cross\_compiling=yes

fi

fi

ac\_tool\_prefix=

test -n "$host\_alias" && ac\_tool\_prefix=$host\_alias-

test "$silent" = yes && exec 6>/dev/null

ac\_pwd=`pwd` && test -n "$ac\_pwd" &&

ac\_ls\_di=`ls -di .` &&

ac\_pwd\_ls\_di=`cd "$ac\_pwd" && ls -di .` ||

as\_fn\_error $? "working directory cannot be determined"

Продолжение листинга 6

test "X$ac\_ls\_di" = "X$ac\_pwd\_ls\_di" ||

as\_fn\_error $? "pwd does not report name of working directory"

# Find the source files, if location was not specified.

if test -z "$srcdir"; then

ac\_srcdir\_defaulted=yes

# Try the directory containing this script, then the parent directory.

ac\_confdir=`$as\_dirname -- "$as\_myself" ||

$as\_expr X"$as\_myself" : 'X\(.\*[^/]\)//\*[^/][^/]\*/\*$' \| \

X"$as\_myself" : 'X\(//\)[^/]' \| \

X"$as\_myself" : 'X\(//\)$' \| \

X"$as\_myself" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X"$as\_myself" |

sed '/^X\(.\*[^/]\)\/\/\*[^/][^/]\*\/\*$/{

s//\1/

q

}

/^X\(\/\/\)[^/].\*/{

s//\1/

q

}

/^X\(\/\/\)$/{

s//\1/

q

}

/^X\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

srcdir=$ac\_confdir

if test ! -r "$srcdir/$ac\_unique\_file"; then

srcdir=..

fi

else

ac\_srcdir\_defaulted=no

fi

if test ! -r "$srcdir/$ac\_unique\_file"; then

test "$ac\_srcdir\_defaulted" = yes && srcdir="$ac\_confdir or .."

as\_fn\_error $? "cannot find sources ($ac\_unique\_file) in $srcdir"

Продолжение листинга 6

fi

ac\_msg="sources are in $srcdir, but \`cd $srcdir' does not work"

ac\_abs\_confdir=`(

cd "$srcdir" && test -r "./$ac\_unique\_file" || as\_fn\_error $? "$ac\_msg"

pwd)`

# When building in place, set srcdir=.

if test "$ac\_abs\_confdir" = "$ac\_pwd"; then

srcdir=.

fi

# Remove unnecessary trailing slashes from srcdir.

# Double slashes in file names in object file debugging info

# mess up M-x gdb in Emacs.

case $srcdir in

\*/) srcdir=`expr "X$srcdir" : 'X\(.\*[^/]\)' \| "X$srcdir" : 'X\(.\*\)'`;;

esac

for ac\_var in $ac\_precious\_vars; do

eval ac\_env\_${ac\_var}\_set=\${${ac\_var}+set}

eval ac\_env\_${ac\_var}\_value=\$${ac\_var}

eval ac\_cv\_env\_${ac\_var}\_set=\${${ac\_var}+set}

eval ac\_cv\_env\_${ac\_var}\_value=\$${ac\_var}

done

#

# Report the --help message.

#

if test "$ac\_init\_help" = "long"; then

# Omit some internal or obsolete options to make the list less imposing.

# This message is too long to be a string in the A/UX 3.1 sh.

cat <<\_ACEOF

\`configure' configures FULL-PACKAGE-NAME VERSION to adapt to many kinds of systems.

Usage: $0 [OPTION]... [VAR=VALUE]...

To assign environment variables (e.g., CC, CFLAGS...), specify them as

VAR=VALUE. See below for descriptions of some of the useful variables.

Defaults for the options are specified in brackets.

Configuration:

-h, --help display this help and exit

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--help=short display options specific to this package

--help=recursive display the short help of all the included packages

-V, --version display version information and exit

-q, --quiet, --silent do not print \`checking ...' messages

--cache-file=FILE cache test results in FILE [disabled]

-C, --config-cache alias for \`--cache-file=config.cache'

-n, --no-create do not create output files

--srcdir=DIR find the sources in DIR [configure dir or \`..']

Installation directories:

--prefix=PREFIX install architecture-independent files in PREFIX

[$ac\_default\_prefix]

--exec-prefix=EPREFIX install architecture-dependent files in EPREFIX

[PREFIX]

By default, \`make install' will install all the files in

\`$ac\_default\_prefix/bin', \`$ac\_default\_prefix/lib' etc. You can specify

an installation prefix other than \`$ac\_default\_prefix' using \`--prefix',

for instance \`--prefix=\$HOME'.

For better control, use the options below.

Fine tuning of the installation directories:

--bindir=DIR user executables [EPREFIX/bin]

--sbindir=DIR system admin executables [EPREFIX/sbin]

--libexecdir=DIR program executables [EPREFIX/libexec]

--sysconfdir=DIR read-only single-machine data [PREFIX/etc]

--sharedstatedir=DIR modifiable architecture-independent data [PREFIX/com]

--localstatedir=DIR modifiable single-machine data [PREFIX/var]

--runstatedir=DIR modifiable per-process data [LOCALSTATEDIR/run]

--libdir=DIR object code libraries [EPREFIX/lib]

--includedir=DIR C header files [PREFIX/include]

--oldincludedir=DIR C header files for non-gcc [/usr/include]

--datarootdir=DIR read-only arch.-independent data root [PREFIX/share]

--datadir=DIR read-only architecture-independent data [DATAROOTDIR]

--infodir=DIR info documentation [DATAROOTDIR/info]

--localedir=DIR locale-dependent data [DATAROOTDIR/locale]

--mandir=DIR man documentation [DATAROOTDIR/man]

--docdir=DIR documentation root

[DATAROOTDIR/doc/full-package-name]

--htmldir=DIR html documentation [DOCDIR]

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--dvidir=DIR dvi documentation [DOCDIR]

--pdfdir=DIR pdf documentation [DOCDIR]

--psdir=DIR ps documentation [DOCDIR]

\_ACEOF

cat <<\\_ACEOF

\_ACEOF

fi

if test -n "$ac\_init\_help"; then

case $ac\_init\_help in

short | recursive ) echo "Configuration of FULL-PACKAGE-NAME VERSION:";;

esac

cat <<\\_ACEOF

Some influential environment variables:

CC C compiler command

CFLAGS C compiler flags

LDFLAGS linker flags, e.g. -L<lib dir> if you have libraries in a

nonstandard directory <lib dir>

LIBS libraries to pass to the linker, e.g. -l<library>

CPPFLAGS (Objective) C/C++ preprocessor flags, e.g. -I<include dir> if

you have headers in a nonstandard directory <include dir>

CPP C preprocessor

Use these variables to override the choices made by `configure' or to help

it to find libraries and programs with nonstandard names/locations.

Report bugs to <BUG-REPORT-ADDRESS>.

\_ACEOF

ac\_status=$?

fi

if test "$ac\_init\_help" = "recursive"; then

# If there are subdirs, report their specific --help.

for ac\_dir in : $ac\_subdirs\_all; do test "x$ac\_dir" = x: && continue

test -d "$ac\_dir" ||

{ cd "$srcdir" && ac\_pwd=`pwd` && srcdir=. && test -d "$ac\_dir"; } ||

continue

ac\_builddir=.

Продолжение листинга 6

case "$ac\_dir" in

.) ac\_dir\_suffix= ac\_top\_builddir\_sub=. ac\_top\_build\_prefix= ;;

\*)

ac\_dir\_suffix=/`$as\_echo "$ac\_dir" | sed 's|^\.[\\/]||'`

# A ".." for each directory in $ac\_dir\_suffix.

ac\_top\_builddir\_sub=`$as\_echo "$ac\_dir\_suffix" | sed 's|/[^\\/]\*|/..|g;s|/||'`

case $ac\_top\_builddir\_sub in

"") ac\_top\_builddir\_sub=. ac\_top\_build\_prefix= ;;

\*) ac\_top\_build\_prefix=$ac\_top\_builddir\_sub/ ;;

esac ;;

esac

ac\_abs\_top\_builddir=$ac\_pwd

ac\_abs\_builddir=$ac\_pwd$ac\_dir\_suffix

# for backward compatibility:

ac\_top\_builddir=$ac\_top\_build\_prefix

case $srcdir in

.) # We are building in place.

ac\_srcdir=.

ac\_top\_srcdir=$ac\_top\_builddir\_sub

ac\_abs\_top\_srcdir=$ac\_pwd ;;

[\\/]\* | ?:[\\/]\* ) # Absolute name.

ac\_srcdir=$srcdir$ac\_dir\_suffix;

ac\_top\_srcdir=$srcdir

ac\_abs\_top\_srcdir=$srcdir ;;

\*) # Relative name.

ac\_srcdir=$ac\_top\_build\_prefix$srcdir$ac\_dir\_suffix

ac\_top\_srcdir=$ac\_top\_build\_prefix$srcdir

ac\_abs\_top\_srcdir=$ac\_pwd/$srcdir ;;

esac

ac\_abs\_srcdir=$ac\_abs\_top\_srcdir$ac\_dir\_suffix

cd "$ac\_dir" || { ac\_status=$?; continue; }

# Check for guested configure.

if test -f "$ac\_srcdir/configure.gnu"; then

echo &&

$SHELL "$ac\_srcdir/configure.gnu" --help=recursive

elif test -f "$ac\_srcdir/configure"; then

echo &&

$SHELL "$ac\_srcdir/configure" --help=recursive

else

Продолжение листинга 6

$as\_echo "$as\_me: WARNING: no configuration information is in $ac\_dir" >&2

fi || ac\_status=$?

cd "$ac\_pwd" || { ac\_status=$?; break; }

done

fi

test -n "$ac\_init\_help" && exit $ac\_status

if $ac\_init\_version; then

cat <<\\_ACEOF

FULL-PACKAGE-NAME configure VERSION

generated by GNU Autoconf 2.69

Copyright (C) 2012 Free Software Foundation, Inc.

This configure script is free software; the Free Software Foundation

gives unlimited permission to copy, distribute and modify it.

\_ACEOF

exit

fi

## ------------------------ ##

## Autoconf initialization. ##

## ------------------------ ##

# ac\_fn\_c\_try\_compile LINENO

# --------------------------

# Try to compile conftest.$ac\_ext, and return whether this succeeded.

ac\_fn\_c\_try\_compile ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

rm -f conftest.$ac\_objext

if { { ac\_try="$ac\_compile"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_compile") 2>conftest.err

ac\_status=$?

if test -s conftest.err; then

grep -v '^ \*+' conftest.err >conftest.er1

Продолжение листинга 6

cat conftest.er1 >&5

mv -f conftest.er1 conftest.err

fi

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; } && {

test -z "$ac\_c\_werror\_flag" ||

test ! -s conftest.err

} && test -s conftest.$ac\_objext; then :

ac\_retval=0

else

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

ac\_retval=1

fi

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

as\_fn\_set\_status $ac\_retval

} # ac\_fn\_c\_try\_compile

# ac\_fn\_c\_try\_link LINENO

# -----------------------

# Try to link conftest.$ac\_ext, and return whether this succeeded.

ac\_fn\_c\_try\_link ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

rm -f conftest.$ac\_objext conftest$ac\_exeext

if { { ac\_try="$ac\_link"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_link") 2>conftest.err

ac\_status=$?

if test -s conftest.err; then

grep -v '^ \*+' conftest.err >conftest.er1

cat conftest.er1 >&5

mv -f conftest.er1 conftest.err

fi

Продолжение листинга 6

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; } && {

test -z "$ac\_c\_werror\_flag" ||

test ! -s conftest.err

} && test -s conftest$ac\_exeext && {

test "$cross\_compiling" = yes ||

test -x conftest$ac\_exeext

}; then :

ac\_retval=0

else

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

ac\_retval=1

fi

# Delete the IPA/IPO (Inter Procedural Analysis/Optimization) information

# created by the PGI compiler (conftest\_ipa8\_conftest.oo), as it would

# interfere with the next link command; also delete a directory that is

# left behind by Apple's compiler. We do this before executing the actions.

rm -rf conftest.dSYM conftest\_ipa8\_conftest.oo

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

as\_fn\_set\_status $ac\_retval

} # ac\_fn\_c\_try\_link

# ac\_fn\_c\_try\_cpp LINENO

# ----------------------

# Try to preprocess conftest.$ac\_ext, and return whether this succeeded.

ac\_fn\_c\_try\_cpp ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

if { { ac\_try="$ac\_cpp conftest.$ac\_ext"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_cpp conftest.$ac\_ext") 2>conftest.err

ac\_status=$?

if test -s conftest.err; then

Продолжение листинга 6

grep -v '^ \*+' conftest.err >conftest.er1

cat conftest.er1 >&5

mv -f conftest.er1 conftest.err

fi

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; } > conftest.i && {

test -z "$ac\_c\_preproc\_warn\_flag$ac\_c\_werror\_flag" ||

test ! -s conftest.err

}; then :

ac\_retval=0

else

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

ac\_retval=1

fi

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

as\_fn\_set\_status $ac\_retval

} # ac\_fn\_c\_try\_cpp

# ac\_fn\_c\_check\_header\_mongrel LINENO HEADER VAR INCLUDES

# -------------------------------------------------------

# Tests whether HEADER exists, giving a warning if it cannot be compiled using

# the include files in INCLUDES and setting the cache variable VAR

# accordingly.

ac\_fn\_c\_check\_header\_mongrel ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

if eval \${$3+:} false; then :

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $2" >&5

$as\_echo\_n "checking for $2... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

else

# Is the header compilable?

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking $2 usability" >&5

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$as\_echo\_n "checking $2 usability... " >&6; }

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$4

#include <$2>

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_header\_compiler=yes

else

ac\_header\_compiler=no

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_header\_compiler" >&5

$as\_echo "$ac\_header\_compiler" >&6; }

# Is the header present?

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking $2 presence" >&5

$as\_echo\_n "checking $2 presence... " >&6; }

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <$2>

\_ACEOF

if ac\_fn\_c\_try\_cpp "$LINENO"; then :

ac\_header\_preproc=yes

else

ac\_header\_preproc=no

fi

rm -f conftest.err conftest.i conftest.$ac\_ext

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_header\_preproc" >&5

$as\_echo "$ac\_header\_preproc" >&6; }

# So? What about this header?

case $ac\_header\_compiler:$ac\_header\_preproc:$ac\_c\_preproc\_warn\_flag in #((

yes:no: )

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: accepted by the compiler, rejected by the preprocessor!" >&5

$as\_echo "$as\_me: WARNING: $2: accepted by the compiler, rejected by the preprocessor!" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: proceeding with the compiler's result" >&5

$as\_echo "$as\_me: WARNING: $2: proceeding with the compiler's result" >&2;}

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;;

no:yes:\* )

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: present but cannot be compiled" >&5

$as\_echo "$as\_me: WARNING: $2: present but cannot be compiled" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: check for missing prerequisite headers?" >&5

$as\_echo "$as\_me: WARNING: $2: check for missing prerequisite headers?" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: see the Autoconf documentation" >&5

$as\_echo "$as\_me: WARNING: $2: see the Autoconf documentation" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: section \"Present But Cannot Be Compiled\"" >&5

$as\_echo "$as\_me: WARNING: $2: section \"Present But Cannot Be Compiled\"" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $2: proceeding with the compiler's result" >&5

$as\_echo "$as\_me: WARNING: $2: proceeding with the compiler's result" >&2;}

( $as\_echo "## --------------------------------- ##

## Report this to BUG-REPORT-ADDRESS ##

## --------------------------------- ##"

) | sed "s/^/$as\_me: WARNING: /" >&2

;;

esac

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $2" >&5

$as\_echo\_n "checking for $2... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

else

eval "$3=\$ac\_header\_compiler"

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

fi

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

} # ac\_fn\_c\_check\_header\_mongrel

# ac\_fn\_c\_try\_run LINENO

# ----------------------

Продолжение листинга 6

# Try to link conftest.$ac\_ext, and return whether this succeeded. Assumes

# that executables \*can\* be run.

ac\_fn\_c\_try\_run ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

if { { ac\_try="$ac\_link"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_link") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; } && { ac\_try='./conftest$ac\_exeext'

{ { case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_try") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }; }; then :

ac\_retval=0

else

$as\_echo "$as\_me: program exited with status $ac\_status" >&5

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

ac\_retval=$ac\_status

fi

rm -rf conftest.dSYM conftest\_ipa8\_conftest.oo

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

as\_fn\_set\_status $ac\_retval

} # ac\_fn\_c\_try\_run

# ac\_fn\_c\_check\_header\_compile LINENO HEADER VAR INCLUDES

Продолжение листинга 6

# -------------------------------------------------------

# Tests whether HEADER exists and can be compiled using the include files in

# INCLUDES, setting the cache variable VAR accordingly.

ac\_fn\_c\_check\_header\_compile ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $2" >&5

$as\_echo\_n "checking for $2... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$4

#include <$2>

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

eval "$3=yes"

else

eval "$3=no"

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

} # ac\_fn\_c\_check\_header\_compile

# ac\_fn\_c\_check\_type LINENO TYPE VAR INCLUDES

# -------------------------------------------

# Tests whether TYPE exists after having included INCLUDES, setting cache

# variable VAR accordingly.

ac\_fn\_c\_check\_type ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $2" >&5

$as\_echo\_n "checking for $2... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

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else

eval "$3=no"

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$4

int

main ()

{

if (sizeof ($2))

return 0;

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$4

int

main ()

{

if (sizeof (($2)))

return 0;

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

else

eval "$3=yes"

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

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} # ac\_fn\_c\_check\_type

# ac\_fn\_c\_find\_intX\_t LINENO BITS VAR

# -----------------------------------

# Finds a signed integer type with width BITS, setting cache variable VAR

# accordingly.

ac\_fn\_c\_find\_intX\_t ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for int$2\_t" >&5

$as\_echo\_n "checking for int$2\_t... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

else

eval "$3=no"

# Order is important - never check a type that is potentially smaller

# than half of the expected target width.

for ac\_type in int$2\_t 'int' 'long int' \

'long long int' 'short int' 'signed char'; do

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$ac\_includes\_default

enum { N = $2 / 2 - 1 };

int

main ()

{

static int test\_array [1 - 2 \* !(0 < ($ac\_type) ((((($ac\_type) 1 << N) << N) - 1) \* 2 + 1))];

test\_array [0] = 0;

return test\_array [0];

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

$ac\_includes\_default

enum { N = $2 / 2 - 1 };

int

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main ()

{

static int test\_array [1 - 2 \* !(($ac\_type) ((((($ac\_type) 1 << N) << N) - 1) \* 2 + 1)

< ($ac\_type) ((((($ac\_type) 1 << N) << N) - 1) \* 2 + 2))];

test\_array [0] = 0;

return test\_array [0];

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

else

case $ac\_type in #(

int$2\_t) :

eval "$3=yes" ;; #(

\*) :

eval "$3=\$ac\_type" ;;

esac

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

if eval test \"x\$"$3"\" = x"no"; then :

else

break

fi

done

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

} # ac\_fn\_c\_find\_intX\_t

# ac\_fn\_c\_check\_func LINENO FUNC VAR

# ----------------------------------

Продолжение листинга 6

# Tests whether FUNC exists, setting the cache variable VAR accordingly

ac\_fn\_c\_check\_func ()

{

as\_lineno=${as\_lineno-"$1"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $2" >&5

$as\_echo\_n "checking for $2... " >&6; }

if eval \${$3+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

/\* Define $2 to an innocuous variant, in case <limits.h> declares $2.

For example, HP-UX 11i <limits.h> declares gettimeofday. \*/

#define $2 innocuous\_$2

/\* System header to define \_\_stub macros and hopefully few prototypes,

which can conflict with char $2 (); below.

Prefer <limits.h> to <assert.h> if \_\_STDC\_\_ is defined, since

<limits.h> exists even on freestanding compilers. \*/

#ifdef \_\_STDC\_\_

# include <limits.h>

#else

# include <assert.h>

#endif

#undef $2

/\* Override any GCC internal prototype to avoid an error.

Use char because int might match the return type of a GCC

builtin and then its argument prototype would still apply. \*/

#ifdef \_\_cplusplus

extern "C"

#endif

char $2 ();

/\* The GNU C library defines this for functions which it implements

to always fail with ENOSYS. Some functions are actually named

something starting with \_\_ and the normal name is an alias. \*/

#if defined \_\_stub\_$2 || defined \_\_stub\_\_\_$2

choke me

#endif

Продолжение листинга 6

int

main ()

{

return $2 ();

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_link "$LINENO"; then :

eval "$3=yes"

else

eval "$3=no"

fi

rm -f core conftest.err conftest.$ac\_objext \

conftest$ac\_exeext conftest.$ac\_ext

fi

eval ac\_res=\$$3

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_res" >&5

$as\_echo "$ac\_res" >&6; }

eval $as\_lineno\_stack; ${as\_lineno\_stack:+:} unset as\_lineno

} # ac\_fn\_c\_check\_func

cat >config.log <<\_ACEOF

This file contains any messages produced by compilers while

running configure, to aid debugging if configure makes a mistake.

It was created by FULL-PACKAGE-NAME $as\_me VERSION, which was

generated by GNU Autoconf 2.69. Invocation command line was

$ $0 $@

\_ACEOF

exec 5>>config.log

{

cat <<\_ASUNAME

## --------- ##

## Platform. ##

## --------- ##

hostname = `(hostname || uname -n) 2>/dev/null | sed 1q`

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uname -m = `(uname -m) 2>/dev/null || echo unknown`

uname -r = `(uname -r) 2>/dev/null || echo unknown`

uname -s = `(uname -s) 2>/dev/null || echo unknown`

uname -v = `(uname -v) 2>/dev/null || echo unknown`

/usr/bin/uname -p = `(/usr/bin/uname -p) 2>/dev/null || echo unknown`

/bin/uname -X = `(/bin/uname -X) 2>/dev/null || echo unknown`

/bin/arch = `(/bin/arch) 2>/dev/null || echo unknown`

/usr/bin/arch -k = `(/usr/bin/arch -k) 2>/dev/null || echo unknown`

/usr/convex/getsysinfo = `(/usr/convex/getsysinfo) 2>/dev/null || echo unknown`

/usr/bin/hostinfo = `(/usr/bin/hostinfo) 2>/dev/null || echo unknown`

/bin/machine = `(/bin/machine) 2>/dev/null || echo unknown`

/usr/bin/oslevel = `(/usr/bin/oslevel) 2>/dev/null || echo unknown`

/bin/universe = `(/bin/universe) 2>/dev/null || echo unknown`

\_ASUNAME

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

$as\_echo "PATH: $as\_dir"

done

IFS=$as\_save\_IFS

} >&5

cat >&5 <<\_ACEOF

## ----------- ##

## Core tests. ##

## ----------- ##

\_ACEOF

# Keep a trace of the command line.

# Strip out --no-create and --no-recursion so they do not pile up.

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# Strip out --silent because we don't want to record it for future runs.

# Also quote any args containing shell meta-characters.

# Make two passes to allow for proper duplicate-argument suppression.

ac\_configure\_args=

ac\_configure\_args0=

ac\_configure\_args1=

ac\_must\_keep\_next=false

for ac\_pass in 1 2

do

for ac\_arg

do

case $ac\_arg in

-no-create | --no-c\* | -n | -no-recursion | --no-r\*) continue ;;

-q | -quiet | --quiet | --quie | --qui | --qu | --q \

| -silent | --silent | --silen | --sile | --sil)

continue ;;

\*\'\*)

ac\_arg=`$as\_echo "$ac\_arg" | sed "s/'/'\\\\\\\\''/g"` ;;

esac

case $ac\_pass in

1) as\_fn\_append ac\_configure\_args0 " '$ac\_arg'" ;;

2)

as\_fn\_append ac\_configure\_args1 " '$ac\_arg'"

if test $ac\_must\_keep\_next = true; then

ac\_must\_keep\_next=false # Got value, back to normal.

else

case $ac\_arg in

\*=\* | --config-cache | -C | -disable-\* | --disable-\* \

| -enable-\* | --enable-\* | -gas | --g\* | -nfp | --nf\* \

| -q | -quiet | --q\* | -silent | --sil\* | -v | -verb\* \

| -with-\* | --with-\* | -without-\* | --without-\* | --x)

case "$ac\_configure\_args0 " in

"$ac\_configure\_args1"\*" '$ac\_arg' "\* ) continue ;;

esac

;;

-\* ) ac\_must\_keep\_next=true ;;

esac

fi

as\_fn\_append ac\_configure\_args " '$ac\_arg'"

;;

esac

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done

done

{ ac\_configure\_args0=; unset ac\_configure\_args0;}

{ ac\_configure\_args1=; unset ac\_configure\_args1;}

# When interrupted or exit'd, cleanup temporary files, and complete

# config.log. We remove comments because anyway the quotes in there

# would cause problems or look ugly.

# WARNING: Use '\'' to represent an apostrophe within the trap.

# WARNING: Do not start the trap code with a newline, due to a FreeBSD 4.0 bug.

trap 'exit\_status=$?

# Save into config.log some information that might help in debugging.

{

echo

$as\_echo "## ---------------- ##

## Cache variables. ##

## ---------------- ##"

echo

# The following way of writing the cache mishandles newlines in values,

(

for ac\_var in `(set) 2>&1 | sed -n '\''s/^\([a-zA-Z\_][a-zA-Z0-9\_]\*\)=.\*/\1/p'\''`; do

eval ac\_val=\$$ac\_var

case $ac\_val in #(

\*${as\_nl}\*)

case $ac\_var in #(

\*\_cv\_\*) { $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: cache variable $ac\_var contains a newline" >&5

$as\_echo "$as\_me: WARNING: cache variable $ac\_var contains a newline" >&2;} ;;

esac

case $ac\_var in #(

\_ | IFS | as\_nl) ;; #(

BASH\_ARGV | BASH\_SOURCE) eval $ac\_var= ;; #(

\*) { eval $ac\_var=; unset $ac\_var;} ;;

esac ;;

esac

done

(set) 2>&1 |

case $as\_nl`(ac\_space='\'' '\''; set) 2>&1` in #(

\*${as\_nl}ac\_space=\ \*)

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sed -n \

"s/'\''/'\''\\\\'\'''\''/g;

s/^\\([\_$as\_cr\_alnum]\*\_cv\_[\_$as\_cr\_alnum]\*\\)=\\(.\*\\)/\\1='\''\\2'\''/p"

;; #(

\*)

sed -n "/^[\_$as\_cr\_alnum]\*\_cv\_[\_$as\_cr\_alnum]\*=/p"

;;

esac |

sort

)

echo

$as\_echo "## ----------------- ##

## Output variables. ##

## ----------------- ##"

echo

for ac\_var in $ac\_subst\_vars

do

eval ac\_val=\$$ac\_var

case $ac\_val in

\*\'\''\*) ac\_val=`$as\_echo "$ac\_val" | sed "s/'\''/'\''\\\\\\\\'\'''\''/g"`;;

esac

$as\_echo "$ac\_var='\''$ac\_val'\''"

done | sort

echo

if test -n "$ac\_subst\_files"; then

$as\_echo "## ------------------- ##

## File substitutions. ##

## ------------------- ##"

echo

for ac\_var in $ac\_subst\_files

do

eval ac\_val=\$$ac\_var

case $ac\_val in

\*\'\''\*) ac\_val=`$as\_echo "$ac\_val" | sed "s/'\''/'\''\\\\\\\\'\'''\''/g"`;;

esac

$as\_echo "$ac\_var='\''$ac\_val'\''"

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done | sort

echo

fi

if test -s confdefs.h; then

$as\_echo "## ----------- ##

## confdefs.h. ##

## ----------- ##"

echo

cat confdefs.h

echo

fi

test "$ac\_signal" != 0 &&

$as\_echo "$as\_me: caught signal $ac\_signal"

$as\_echo "$as\_me: exit $exit\_status"

} >&5

rm -f core \*.core core.conftest.\* &&

rm -f -r conftest\* confdefs\* conf$$\* $ac\_clean\_files &&

exit $exit\_status

' 0

for ac\_signal in 1 2 13 15; do

trap 'ac\_signal='$ac\_signal'; as\_fn\_exit 1' $ac\_signal

done

ac\_signal=0

# confdefs.h avoids OS command line length limits that DEFS can exceed.

rm -f -r conftest\* confdefs.h

$as\_echo "/\* confdefs.h \*/" > confdefs.h

# Predefined preprocessor variables.

cat >>confdefs.h <<\_ACEOF

#define PACKAGE\_NAME "$PACKAGE\_NAME"

\_ACEOF

cat >>confdefs.h <<\_ACEOF

#define PACKAGE\_TARNAME "$PACKAGE\_TARNAME"

\_ACEOF

cat >>confdefs.h <<\_ACEOF

Продолжение листинга 6

#define PACKAGE\_VERSION "$PACKAGE\_VERSION"

\_ACEOF

cat >>confdefs.h <<\_ACEOF

#define PACKAGE\_STRING "$PACKAGE\_STRING"

\_ACEOF

cat >>confdefs.h <<\_ACEOF

#define PACKAGE\_BUGREPORT "$PACKAGE\_BUGREPORT"

\_ACEOF

cat >>confdefs.h <<\_ACEOF

#define PACKAGE\_URL "$PACKAGE\_URL"

\_ACEOF

# Let the site file select an alternate cache file if it wants to.

# Prefer an explicitly selected file to automatically selected ones.

ac\_site\_file1=NONE

ac\_site\_file2=NONE

if test -n "$CONFIG\_SITE"; then

# We do not want a PATH search for config.site.

case $CONFIG\_SITE in #((

-\*) ac\_site\_file1=./$CONFIG\_SITE;;

\*/\*) ac\_site\_file1=$CONFIG\_SITE;;

\*) ac\_site\_file1=./$CONFIG\_SITE;;

esac

elif test "x$prefix" != xNONE; then

ac\_site\_file1=$prefix/share/config.site

ac\_site\_file2=$prefix/etc/config.site

else

ac\_site\_file1=$ac\_default\_prefix/share/config.site

ac\_site\_file2=$ac\_default\_prefix/etc/config.site

fi

for ac\_site\_file in "$ac\_site\_file1" "$ac\_site\_file2"

do

test "x$ac\_site\_file" = xNONE && continue

if test /dev/null != "$ac\_site\_file" && test -r "$ac\_site\_file"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: loading site script $ac\_site\_file" >&5

$as\_echo "$as\_me: loading site script $ac\_site\_file" >&6;}

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sed 's/^/| /' "$ac\_site\_file" >&5

. "$ac\_site\_file" \

|| { { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "failed to load site script $ac\_site\_file

See \`config.log' for more details" "$LINENO" 5; }

fi

done

if test -r "$cache\_file"; then

# Some versions of bash will fail to source /dev/null (special files

# actually), so we avoid doing that. DJGPP emulates it as a regular file.

if test /dev/null != "$cache\_file" && test -f "$cache\_file"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: loading cache $cache\_file" >&5

$as\_echo "$as\_me: loading cache $cache\_file" >&6;}

case $cache\_file in

[\\/]\* | ?:[\\/]\* ) . "$cache\_file";;

\*) . "./$cache\_file";;

esac

fi

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: creating cache $cache\_file" >&5

$as\_echo "$as\_me: creating cache $cache\_file" >&6;}

>$cache\_file

fi

# Check that the precious variables saved in the cache have kept the same

# value.

ac\_cache\_corrupted=false

for ac\_var in $ac\_precious\_vars; do

eval ac\_old\_set=\$ac\_cv\_env\_${ac\_var}\_set

eval ac\_new\_set=\$ac\_env\_${ac\_var}\_set

eval ac\_old\_val=\$ac\_cv\_env\_${ac\_var}\_value

eval ac\_new\_val=\$ac\_env\_${ac\_var}\_value

case $ac\_old\_set,$ac\_new\_set in

set,)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: \`$ac\_var' was set to \`$ac\_old\_val' in the previous run" >&5

$as\_echo "$as\_me: error: \`$ac\_var' was set to \`$ac\_old\_val' in the previous run" >&2;}

ac\_cache\_corrupted=: ;;

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,set)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: \`$ac\_var' was not set in the previous run" >&5

$as\_echo "$as\_me: error: \`$ac\_var' was not set in the previous run" >&2;}

ac\_cache\_corrupted=: ;;

,);;

\*)

if test "x$ac\_old\_val" != "x$ac\_new\_val"; then

# differences in whitespace do not lead to failure.

ac\_old\_val\_w=`echo x $ac\_old\_val`

ac\_new\_val\_w=`echo x $ac\_new\_val`

if test "$ac\_old\_val\_w" != "$ac\_new\_val\_w"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: \`$ac\_var' has changed since the previous run:" >&5

$as\_echo "$as\_me: error: \`$ac\_var' has changed since the previous run:" >&2;}

ac\_cache\_corrupted=:

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: warning: ignoring whitespace changes in \`$ac\_var' since the previous run:" >&5

$as\_echo "$as\_me: warning: ignoring whitespace changes in \`$ac\_var' since the previous run:" >&2;}

eval $ac\_var=\$ac\_old\_val

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: former value: \`$ac\_old\_val'" >&5

$as\_echo "$as\_me: former value: \`$ac\_old\_val'" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: current value: \`$ac\_new\_val'" >&5

$as\_echo "$as\_me: current value: \`$ac\_new\_val'" >&2;}

fi;;

esac

# Pass precious variables to config.status.

if test "$ac\_new\_set" = set; then

case $ac\_new\_val in

\*\'\*) ac\_arg=$ac\_var=`$as\_echo "$ac\_new\_val" | sed "s/'/'\\\\\\\\''/g"` ;;

\*) ac\_arg=$ac\_var=$ac\_new\_val ;;

esac

case " $ac\_configure\_args " in

\*" '$ac\_arg' "\*) ;; # Avoid dups. Use of quotes ensures accuracy.

\*) as\_fn\_append ac\_configure\_args " '$ac\_arg'" ;;

esac

Продолжение листинга 6

fi

done

if $ac\_cache\_corrupted; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: changes in the environment can compromise the build" >&5

$as\_echo "$as\_me: error: changes in the environment can compromise the build" >&2;}

as\_fn\_error $? "run \`make distclean' and/or \`rm $cache\_file' and start over" "$LINENO" 5

fi

## -------------------- ##

## Main body of script. ##

## -------------------- ##

ac\_ext=c

ac\_cpp='$CPP $CPPFLAGS'

ac\_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac\_ext >&5'

ac\_link='$CC -o conftest$ac\_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac\_ext $LIBS >&5'

ac\_compiler\_gnu=$ac\_cv\_c\_compiler\_gnu

ac\_config\_headers="$ac\_config\_headers config.h"

# Checks for programs.

ac\_ext=c

ac\_cpp='$CPP $CPPFLAGS'

ac\_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac\_ext >&5'

ac\_link='$CC -o conftest$ac\_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac\_ext $LIBS >&5'

ac\_compiler\_gnu=$ac\_cv\_c\_compiler\_gnu

if test -n "$ac\_tool\_prefix"; then

# Extract the first word of "${ac\_tool\_prefix}gcc", so it can be a program name with args.

set dummy ${ac\_tool\_prefix}gcc; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

Продолжение листинга 6

if ${ac\_cv\_prog\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -n "$CC"; then

ac\_cv\_prog\_CC="$CC" # Let the user override the test.

else

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

ac\_cv\_prog\_CC="${ac\_tool\_prefix}gcc"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

fi

fi

CC=$ac\_cv\_prog\_CC

if test -n "$CC"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $CC" >&5

$as\_echo "$CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

fi

if test -z "$ac\_cv\_prog\_CC"; then

ac\_ct\_CC=$CC

# Extract the first word of "gcc", so it can be a program name with args.

set dummy gcc; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

Продолжение листинга 6

if ${ac\_cv\_prog\_ac\_ct\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -n "$ac\_ct\_CC"; then

ac\_cv\_prog\_ac\_ct\_CC="$ac\_ct\_CC" # Let the user override the test.

else

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

ac\_cv\_prog\_ac\_ct\_CC="gcc"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

fi

fi

ac\_ct\_CC=$ac\_cv\_prog\_ac\_ct\_CC

if test -n "$ac\_ct\_CC"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_ct\_CC" >&5

$as\_echo "$ac\_ct\_CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

if test "x$ac\_ct\_CC" = x; then

CC=""

else

case $cross\_compiling:$ac\_tool\_warned in

yes:)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: using cross tools not prefixed with host triplet" >&5

$as\_echo "$as\_me: WARNING: using cross tools not prefixed with host triplet" >&2;}

Продолжение листинга 6

ac\_tool\_warned=yes ;;

esac

CC=$ac\_ct\_CC

fi

else

CC="$ac\_cv\_prog\_CC"

fi

if test -z "$CC"; then

if test -n "$ac\_tool\_prefix"; then

# Extract the first word of "${ac\_tool\_prefix}cc", so it can be a program name with args.

set dummy ${ac\_tool\_prefix}cc; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

if ${ac\_cv\_prog\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -n "$CC"; then

ac\_cv\_prog\_CC="$CC" # Let the user override the test.

else

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

ac\_cv\_prog\_CC="${ac\_tool\_prefix}cc"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

fi

fi

CC=$ac\_cv\_prog\_CC

if test -n "$CC"; then

Продолжение листинга 6

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $CC" >&5

$as\_echo "$CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

fi

fi

if test -z "$CC"; then

# Extract the first word of "cc", so it can be a program name with args.

set dummy cc; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

if ${ac\_cv\_prog\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -n "$CC"; then

ac\_cv\_prog\_CC="$CC" # Let the user override the test.

else

ac\_prog\_rejected=no

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

if test "$as\_dir/$ac\_word$ac\_exec\_ext" = "/usr/ucb/cc"; then

ac\_prog\_rejected=yes

continue

fi

ac\_cv\_prog\_CC="cc"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

Продолжение листинга 6

if test $ac\_prog\_rejected = yes; then

# We found a bogon in the path, so make sure we never use it.

set dummy $ac\_cv\_prog\_CC

shift

if test $# != 0; then

# We chose a different compiler from the bogus one.

# However, it has the same basename, so the bogon will be chosen

# first if we set CC to just the basename; use the full file name.

shift

ac\_cv\_prog\_CC="$as\_dir/$ac\_word${1+' '}$@"

fi

fi

fi

fi

CC=$ac\_cv\_prog\_CC

if test -n "$CC"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $CC" >&5

$as\_echo "$CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

fi

if test -z "$CC"; then

if test -n "$ac\_tool\_prefix"; then

for ac\_prog in cl.exe

do

# Extract the first word of "$ac\_tool\_prefix$ac\_prog", so it can be a program name with args.

set dummy $ac\_tool\_prefix$ac\_prog; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

if ${ac\_cv\_prog\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -n "$CC"; then

ac\_cv\_prog\_CC="$CC" # Let the user override the test.

else

Продолжение листинга 6

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

ac\_cv\_prog\_CC="$ac\_tool\_prefix$ac\_prog"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

fi

fi

CC=$ac\_cv\_prog\_CC

if test -n "$CC"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $CC" >&5

$as\_echo "$CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

test -n "$CC" && break

done

fi

if test -z "$CC"; then

ac\_ct\_CC=$CC

for ac\_prog in cl.exe

do

# Extract the first word of "$ac\_prog", so it can be a program name with args.

set dummy $ac\_prog; ac\_word=$2

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $ac\_word" >&5

$as\_echo\_n "checking for $ac\_word... " >&6; }

if ${ac\_cv\_prog\_ac\_ct\_CC+:} false; then :

$as\_echo\_n "(cached) " >&6

Продолжение листинга 6

else

if test -n "$ac\_ct\_CC"; then

ac\_cv\_prog\_ac\_ct\_CC="$ac\_ct\_CC" # Let the user override the test.

else

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

if as\_fn\_executable\_p "$as\_dir/$ac\_word$ac\_exec\_ext"; then

ac\_cv\_prog\_ac\_ct\_CC="$ac\_prog"

$as\_echo "$as\_me:${as\_lineno-$LINENO}: found $as\_dir/$ac\_word$ac\_exec\_ext" >&5

break 2

fi

done

done

IFS=$as\_save\_IFS

fi

fi

ac\_ct\_CC=$ac\_cv\_prog\_ac\_ct\_CC

if test -n "$ac\_ct\_CC"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_ct\_CC" >&5

$as\_echo "$ac\_ct\_CC" >&6; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

fi

test -n "$ac\_ct\_CC" && break

done

if test "x$ac\_ct\_CC" = x; then

CC=""

else

case $cross\_compiling:$ac\_tool\_warned in

yes:)

Продолжение листинга 6

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: using cross tools not prefixed with host triplet" >&5

$as\_echo "$as\_me: WARNING: using cross tools not prefixed with host triplet" >&2;}

ac\_tool\_warned=yes ;;

esac

CC=$ac\_ct\_CC

fi

fi

fi

test -z "$CC" && { { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "no acceptable C compiler found in \$PATH

See \`config.log' for more details" "$LINENO" 5; }

# Provide some information about the compiler.

$as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for C compiler version" >&5

set X $ac\_compile

ac\_compiler=$2

for ac\_option in --version -v -V -qversion; do

{ { ac\_try="$ac\_compiler $ac\_option >&5"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_compiler $ac\_option >&5") 2>conftest.err

ac\_status=$?

if test -s conftest.err; then

sed '10a\

... rest of stderr output deleted ...

10q' conftest.err >conftest.er1

cat conftest.er1 >&5

fi

rm -f conftest.er1 conftest.err

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }

Продолжение листинга 6

done

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

;

return 0;

}

\_ACEOF

ac\_clean\_files\_save=$ac\_clean\_files

ac\_clean\_files="$ac\_clean\_files a.out a.out.dSYM a.exe b.out"

# Try to create an executable without -o first, disregard a.out.

# It will help us diagnose broken compilers, and finding out an intuition

# of exeext.

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking whether the C compiler works" >&5

$as\_echo\_n "checking whether the C compiler works... " >&6; }

ac\_link\_default=`$as\_echo "$ac\_link" | sed 's/ -o \*conftest[^ ]\*//'`

# The possible output files:

ac\_files="a.out conftest.exe conftest a.exe a\_out.exe b.out conftest.\*"

ac\_rmfiles=

for ac\_file in $ac\_files

do

case $ac\_file in

\*.$ac\_ext | \*.xcoff | \*.tds | \*.d | \*.pdb | \*.xSYM | \*.bb | \*.bbg | \*.map | \*.inf | \*.dSYM | \*.o | \*.obj ) ;;

\* ) ac\_rmfiles="$ac\_rmfiles $ac\_file";;

esac

done

rm -f $ac\_rmfiles

if { { ac\_try="$ac\_link\_default"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

Продолжение листинга 6

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_link\_default") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }; then :

# Autoconf-2.13 could set the ac\_cv\_exeext variable to `no'.

# So ignore a value of `no', otherwise this would lead to `EXEEXT = no'

# in a Makefile. We should not override ac\_cv\_exeext if it was cached,

# so that the user can short-circuit this test for compilers unknown to

# Autoconf.

for ac\_file in $ac\_files ''

do

test -f "$ac\_file" || continue

case $ac\_file in

\*.$ac\_ext | \*.xcoff | \*.tds | \*.d | \*.pdb | \*.xSYM | \*.bb | \*.bbg | \*.map | \*.inf | \*.dSYM | \*.o | \*.obj )

;;

[ab].out )

# We found the default executable, but exeext='' is most

# certainly right.

break;;

\*.\* )

if test "${ac\_cv\_exeext+set}" = set && test "$ac\_cv\_exeext" != no;

then :; else

ac\_cv\_exeext=`expr "$ac\_file" : '[^.]\*\(\..\*\)'`

fi

# We set ac\_cv\_exeext here because the later test for it is not

# safe: cross compilers may not add the suffix if given an `-o'

# argument, so we may need to know it at that point already.

# Even if this section looks crufty: it has the advantage of

# actually working.

break;;

\* )

break;;

esac

done

test "$ac\_cv\_exeext" = no && ac\_cv\_exeext=

else

Продолжение листинга 6

ac\_file=''

fi

if test -z "$ac\_file"; then :

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: no" >&5

$as\_echo "no" >&6; }

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

{ { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error 77 "C compiler cannot create executables

See \`config.log' for more details" "$LINENO" 5; }

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: yes" >&5

$as\_echo "yes" >&6; }

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for C compiler default output file name" >&5

$as\_echo\_n "checking for C compiler default output file name... " >&6; }

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_file" >&5

$as\_echo "$ac\_file" >&6; }

ac\_exeext=$ac\_cv\_exeext

rm -f -r a.out a.out.dSYM a.exe conftest$ac\_cv\_exeext b.out

ac\_clean\_files=$ac\_clean\_files\_save

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for suffix of executables" >&5

$as\_echo\_n "checking for suffix of executables... " >&6; }

if { { ac\_try="$ac\_link"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_link") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }; then :

# If both `conftest.exe' and `conftest' are `present' (well, observable)

# catch `conftest.exe'. For instance with Cygwin, `ls conftest' will

# work properly (i.e., refer to `conftest.exe'), while it won't with

Продолжение листинга 6

# `rm'.

for ac\_file in conftest.exe conftest conftest.\*; do

test -f "$ac\_file" || continue

case $ac\_file in

\*.$ac\_ext | \*.xcoff | \*.tds | \*.d | \*.pdb | \*.xSYM | \*.bb | \*.bbg | \*.map | \*.inf | \*.dSYM | \*.o | \*.obj ) ;;

\*.\* ) ac\_cv\_exeext=`expr "$ac\_file" : '[^.]\*\(\..\*\)'`

break;;

\* ) break;;

esac

done

else

{ { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "cannot compute suffix of executables: cannot compile and link

See \`config.log' for more details" "$LINENO" 5; }

fi

rm -f conftest conftest$ac\_cv\_exeext

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_exeext" >&5

$as\_echo "$ac\_cv\_exeext" >&6; }

rm -f conftest.$ac\_ext

EXEEXT=$ac\_cv\_exeext

ac\_exeext=$EXEEXT

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <stdio.h>

int

main ()

{

FILE \*f = fopen ("conftest.out", "w");

return ferror (f) || fclose (f) != 0;

;

return 0;

}

\_ACEOF

ac\_clean\_files="$ac\_clean\_files conftest.out"

# Check that the compiler produces executables we can run. If not, either

# the compiler is broken, or we cross compile.

Продолжение листинга 6

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking whether we are cross compiling" >&5

$as\_echo\_n "checking whether we are cross compiling... " >&6; }

if test "$cross\_compiling" != yes; then

{ { ac\_try="$ac\_link"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_link") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }

if { ac\_try='./conftest$ac\_cv\_exeext'

{ { case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_try") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }; }; then

cross\_compiling=no

else

if test "$cross\_compiling" = maybe; then

cross\_compiling=yes

else

{ { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "cannot run C compiled programs.

If you meant to cross compile, use \`--host'.

See \`config.log' for more details" "$LINENO" 5; }

fi

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $cross\_compiling" >&5

$as\_echo "$cross\_compiling" >&6; }

Продолжение листинга 6

rm -f conftest.$ac\_ext conftest$ac\_cv\_exeext conftest.out

ac\_clean\_files=$ac\_clean\_files\_save

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for suffix of object files" >&5

$as\_echo\_n "checking for suffix of object files... " >&6; }

if ${ac\_cv\_objext+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

;

return 0;

}

\_ACEOF

rm -f conftest.o conftest.obj

if { { ac\_try="$ac\_compile"

case "(($ac\_try" in

\*\"\* | \*\`\* | \*\\\*) ac\_try\_echo=\$ac\_try;;

\*) ac\_try\_echo=$ac\_try;;

esac

eval ac\_try\_echo="\"\$as\_me:${as\_lineno-$LINENO}: $ac\_try\_echo\""

$as\_echo "$ac\_try\_echo"; } >&5

(eval "$ac\_compile") 2>&5

ac\_status=$?

$as\_echo "$as\_me:${as\_lineno-$LINENO}: \$? = $ac\_status" >&5

test $ac\_status = 0; }; then :

for ac\_file in conftest.o conftest.obj conftest.\*; do

test -f "$ac\_file" || continue;

case $ac\_file in

\*.$ac\_ext | \*.xcoff | \*.tds | \*.d | \*.pdb | \*.xSYM | \*.bb | \*.bbg | \*.map | \*.inf | \*.dSYM ) ;;

\*) ac\_cv\_objext=`expr "$ac\_file" : '.\*\.\(.\*\)'`

break;;

esac

done

else

Продолжение листинга 6

$as\_echo "$as\_me: failed program was:" >&5

sed 's/^/| /' conftest.$ac\_ext >&5

{ { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "cannot compute suffix of object files: cannot compile

See \`config.log' for more details" "$LINENO" 5; }

fi

rm -f conftest.$ac\_cv\_objext conftest.$ac\_ext

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_objext" >&5

$as\_echo "$ac\_cv\_objext" >&6; }

OBJEXT=$ac\_cv\_objext

ac\_objext=$OBJEXT

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking whether we are using the GNU C compiler" >&5

$as\_echo\_n "checking whether we are using the GNU C compiler... " >&6; }

if ${ac\_cv\_c\_compiler\_gnu+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

#ifndef \_\_GNUC\_\_

choke me

#endif

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_compiler\_gnu=yes

else

ac\_compiler\_gnu=no

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

ac\_cv\_c\_compiler\_gnu=$ac\_compiler\_gnu

Продолжение листинга 6

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_c\_compiler\_gnu" >&5

$as\_echo "$ac\_cv\_c\_compiler\_gnu" >&6; }

if test $ac\_compiler\_gnu = yes; then

GCC=yes

else

GCC=

fi

ac\_test\_CFLAGS=${CFLAGS+set}

ac\_save\_CFLAGS=$CFLAGS

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking whether $CC accepts -g" >&5

$as\_echo\_n "checking whether $CC accepts -g... " >&6; }

if ${ac\_cv\_prog\_cc\_g+:} false; then :

$as\_echo\_n "(cached) " >&6

else

ac\_save\_c\_werror\_flag=$ac\_c\_werror\_flag

ac\_c\_werror\_flag=yes

ac\_cv\_prog\_cc\_g=no

CFLAGS="-g"

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_cv\_prog\_cc\_g=yes

else

CFLAGS=""

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

Продолжение листинга 6

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

else

ac\_c\_werror\_flag=$ac\_save\_c\_werror\_flag

CFLAGS="-g"

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

{

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_cv\_prog\_cc\_g=yes

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

ac\_c\_werror\_flag=$ac\_save\_c\_werror\_flag

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_prog\_cc\_g" >&5

$as\_echo "$ac\_cv\_prog\_cc\_g" >&6; }

if test "$ac\_test\_CFLAGS" = set; then

CFLAGS=$ac\_save\_CFLAGS

elif test $ac\_cv\_prog\_cc\_g = yes; then

if test "$GCC" = yes; then

CFLAGS="-g -O2"

else

CFLAGS="-g"

fi

Продолжение листинга 6

else

if test "$GCC" = yes; then

CFLAGS="-O2"

else

CFLAGS=

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for $CC option to accept ISO C89" >&5

$as\_echo\_n "checking for $CC option to accept ISO C89... " >&6; }

if ${ac\_cv\_prog\_cc\_c89+:} false; then :

$as\_echo\_n "(cached) " >&6

else

ac\_cv\_prog\_cc\_c89=no

ac\_save\_CC=$CC

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <stdarg.h>

#include <stdio.h>

struct stat;

/\* Most of the following tests are stolen from RCS 5.7's src/conf.sh. \*/

struct buf { int x; };

FILE \* (\*rcsopen) (struct buf \*, struct stat \*, int);

static char \*e (p, i)

char \*\*p;

int i;

{

return p[i];

}

static char \*f (char \* (\*g) (char \*\*, int), char \*\*p, ...)

{

char \*s;

va\_list v;

va\_start (v,p);

s = g (p, va\_arg (v,int));

va\_end (v);

return s;

}

/\* OSF 4.0 Compaq cc is some sort of almost-ANSI by default. It has

function prototypes and stuff, but not '\xHH' hex character constants.

Продолжение листинга 6

These don't provoke an error unfortunately, instead are silently treated

as 'x'. The following induces an error, until -std is added to get

proper ANSI mode. Curiously '\x00'!='x' always comes out true, for an

array size at least. It's necessary to write '\x00'==0 to get something

that's true only with -std. \*/

int osf4\_cc\_array ['\x00' == 0 ? 1 : -1];

/\* IBM C 6 for AIX is almost-ANSI by default, but it replaces macro parameters

inside strings and character constants. \*/

#define FOO(x) 'x'

int xlc6\_cc\_array[FOO(a) == 'x' ? 1 : -1];

int test (int i, double x);

struct s1 {int (\*f) (int a);};

struct s2 {int (\*f) (double a);};

int pairnames (int, char \*\*, FILE \*(\*)(struct buf \*, struct stat \*, int), int, int);

int argc;

char \*\*argv;

int

main ()

{

return f (e, argv, 0) != argv[0] || f (e, argv, 1) != argv[1];

;

return 0;

}

\_ACEOF

for ac\_arg in '' -qlanglvl=extc89 -qlanglvl=ansi -std \

-Ae "-Aa -D\_HPUX\_SOURCE" "-Xc -D\_\_EXTENSIONS\_\_"

do

CC="$ac\_save\_CC $ac\_arg"

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_cv\_prog\_cc\_c89=$ac\_arg

fi

rm -f core conftest.err conftest.$ac\_objext

test "x$ac\_cv\_prog\_cc\_c89" != "xno" && break

done

rm -f conftest.$ac\_ext

CC=$ac\_save\_CC

fi

Продолжение листинга 6

# AC\_CACHE\_VAL

case "x$ac\_cv\_prog\_cc\_c89" in

x)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: none needed" >&5

$as\_echo "none needed" >&6; } ;;

xno)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: unsupported" >&5

$as\_echo "unsupported" >&6; } ;;

\*)

CC="$CC $ac\_cv\_prog\_cc\_c89"

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_prog\_cc\_c89" >&5

$as\_echo "$ac\_cv\_prog\_cc\_c89" >&6; } ;;

esac

if test "x$ac\_cv\_prog\_cc\_c89" != xno; then :

fi

ac\_ext=c

ac\_cpp='$CPP $CPPFLAGS'

ac\_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac\_ext >&5'

ac\_link='$CC -o conftest$ac\_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac\_ext $LIBS >&5'

ac\_compiler\_gnu=$ac\_cv\_c\_compiler\_gnu

# Checks for libraries.

# FIXME: Replace `main' with a function in `-lm':

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for main in -lm" >&5

$as\_echo\_n "checking for main in -lm... " >&6; }

if ${ac\_cv\_lib\_m\_main+:} false; then :

$as\_echo\_n "(cached) " >&6

else

ac\_check\_lib\_save\_LIBS=$LIBS

LIBS="-lm $LIBS"

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

int

main ()

Продолжение листинга 6

{

return main ();

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_link "$LINENO"; then :

ac\_cv\_lib\_m\_main=yes

else

ac\_cv\_lib\_m\_main=no

fi

rm -f core conftest.err conftest.$ac\_objext \

conftest$ac\_exeext conftest.$ac\_ext

LIBS=$ac\_check\_lib\_save\_LIBS

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_lib\_m\_main" >&5

$as\_echo "$ac\_cv\_lib\_m\_main" >&6; }

if test "x$ac\_cv\_lib\_m\_main" = xyes; then :

cat >>confdefs.h <<\_ACEOF

#define HAVE\_LIBM 1

\_ACEOF

LIBS="-lm $LIBS"

fi

# Checks for header files.

ac\_ext=c

ac\_cpp='$CPP $CPPFLAGS'

ac\_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac\_ext >&5'

ac\_link='$CC -o conftest$ac\_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac\_ext $LIBS >&5'

ac\_compiler\_gnu=$ac\_cv\_c\_compiler\_gnu

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking how to run the C preprocessor" >&5

$as\_echo\_n "checking how to run the C preprocessor... " >&6; }

# On Suns, sometimes $CPP names a directory.

if test -n "$CPP" && test -d "$CPP"; then

CPP=

fi

Продолжение листинга 6

if test -z "$CPP"; then

if ${ac\_cv\_prog\_CPP+:} false; then :

$as\_echo\_n "(cached) " >&6

else

# Double quotes because CPP needs to be expanded

for CPP in "$CC -E" "$CC -E -traditional-cpp" "/lib/cpp"

do

ac\_preproc\_ok=false

for ac\_c\_preproc\_warn\_flag in '' yes

do

# Use a header file that comes with gcc, so configuring glibc

# with a fresh cross-compiler works.

# Prefer <limits.h> to <assert.h> if \_\_STDC\_\_ is defined, since

# <limits.h> exists even on freestanding compilers.

# On the NeXT, cc -E runs the code through the compiler's parser,

# not just through cpp. "Syntax error" is here to catch this case.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#ifdef \_\_STDC\_\_

# include <limits.h>

#else

# include <assert.h>

#endif

Syntax error

\_ACEOF

if ac\_fn\_c\_try\_cpp "$LINENO"; then :

else

# Broken: fails on valid input.

continue

fi

rm -f conftest.err conftest.i conftest.$ac\_ext

# OK, works on sane cases. Now check whether nonexistent headers

# can be detected and how.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <ac\_nonexistent.h>

\_ACEOF

if ac\_fn\_c\_try\_cpp "$LINENO"; then :

# Broken: success on invalid input.

Продолжение листинга 6

continue

else

# Passes both tests.

ac\_preproc\_ok=:

break

fi

rm -f conftest.err conftest.i conftest.$ac\_ext

done

# Because of `break', \_AC\_PREPROC\_IFELSE's cleaning code was skipped.

rm -f conftest.i conftest.err conftest.$ac\_ext

if $ac\_preproc\_ok; then :

break

fi

done

ac\_cv\_prog\_CPP=$CPP

fi

CPP=$ac\_cv\_prog\_CPP

else

ac\_cv\_prog\_CPP=$CPP

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $CPP" >&5

$as\_echo "$CPP" >&6; }

ac\_preproc\_ok=false

for ac\_c\_preproc\_warn\_flag in '' yes

do

# Use a header file that comes with gcc, so configuring glibc

# with a fresh cross-compiler works.

# Prefer <limits.h> to <assert.h> if \_\_STDC\_\_ is defined, since

# <limits.h> exists even on freestanding compilers.

# On the NeXT, cc -E runs the code through the compiler's parser,

# not just through cpp. "Syntax error" is here to catch this case.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#ifdef \_\_STDC\_\_

# include <limits.h>

#else

# include <assert.h>

#endif

Продолжение листинга 6

Syntax error

\_ACEOF

if ac\_fn\_c\_try\_cpp "$LINENO"; then :

else

# Broken: fails on valid input.

continue

fi

rm -f conftest.err conftest.i conftest.$ac\_ext

# OK, works on sane cases. Now check whether nonexistent headers

# can be detected and how.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <ac\_nonexistent.h>

\_ACEOF

if ac\_fn\_c\_try\_cpp "$LINENO"; then :

# Broken: success on invalid input.

continue

else

# Passes both tests.

ac\_preproc\_ok=:

break

fi

rm -f conftest.err conftest.i conftest.$ac\_ext

done

# Because of `break', \_AC\_PREPROC\_IFELSE's cleaning code was skipped.

rm -f conftest.i conftest.err conftest.$ac\_ext

if $ac\_preproc\_ok; then :

else

{ { $as\_echo "$as\_me:${as\_lineno-$LINENO}: error: in \`$ac\_pwd':" >&5

$as\_echo "$as\_me: error: in \`$ac\_pwd':" >&2;}

as\_fn\_error $? "C preprocessor \"$CPP\" fails sanity check

See \`config.log' for more details" "$LINENO" 5; }

fi

ac\_ext=c

ac\_cpp='$CPP $CPPFLAGS'

ac\_compile='$CC -c $CFLAGS $CPPFLAGS conftest.$ac\_ext >&5'

Продолжение листинга 6

ac\_link='$CC -o conftest$ac\_exeext $CFLAGS $CPPFLAGS $LDFLAGS conftest.$ac\_ext $LIBS >&5'

ac\_compiler\_gnu=$ac\_cv\_c\_compiler\_gnu

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for grep that handles long lines and -e" >&5

$as\_echo\_n "checking for grep that handles long lines and -e... " >&6; }

if ${ac\_cv\_path\_GREP+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test -z "$GREP"; then

ac\_path\_GREP\_found=false

# Loop through the user's path and test for each of PROGNAME-LIST

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH$PATH\_SEPARATOR/usr/xpg4/bin

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_prog in grep ggrep; do

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

ac\_path\_GREP="$as\_dir/$ac\_prog$ac\_exec\_ext"

as\_fn\_executable\_p "$ac\_path\_GREP" || continue

# Check for GNU ac\_path\_GREP and select it if it is found.

# Check for GNU $ac\_path\_GREP

case `"$ac\_path\_GREP" --version 2>&1` in

\*GNU\*)

ac\_cv\_path\_GREP="$ac\_path\_GREP" ac\_path\_GREP\_found=:;;

\*)

ac\_count=0

$as\_echo\_n 0123456789 >"conftest.in"

while :

do

cat "conftest.in" "conftest.in" >"conftest.tmp"

mv "conftest.tmp" "conftest.in"

cp "conftest.in" "conftest.nl"

$as\_echo 'GREP' >> "conftest.nl"

"$ac\_path\_GREP" -e 'GREP$' -e '-(cannot match)-' < "conftest.nl" >"conftest.out" 2>/dev/null || break

diff "conftest.out" "conftest.nl" >/dev/null 2>&1 || break

as\_fn\_arith $ac\_count + 1 && ac\_count=$as\_val

Продолжение листинга 6

if test $ac\_count -gt ${ac\_path\_GREP\_max-0}; then

# Best one so far, save it but keep looking for a better one

ac\_cv\_path\_GREP="$ac\_path\_GREP"

ac\_path\_GREP\_max=$ac\_count

fi

# 10\*(2^10) chars as input seems more than enough

test $ac\_count -gt 10 && break

done

rm -f conftest.in conftest.tmp conftest.nl conftest.out;;

esac

$ac\_path\_GREP\_found && break 3

done

done

done

IFS=$as\_save\_IFS

if test -z "$ac\_cv\_path\_GREP"; then

as\_fn\_error $? "no acceptable grep could be found in $PATH$PATH\_SEPARATOR/usr/xpg4/bin" "$LINENO" 5

fi

else

ac\_cv\_path\_GREP=$GREP

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_path\_GREP" >&5

$as\_echo "$ac\_cv\_path\_GREP" >&6; }

GREP="$ac\_cv\_path\_GREP"

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for egrep" >&5

$as\_echo\_n "checking for egrep... " >&6; }

if ${ac\_cv\_path\_EGREP+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if echo a | $GREP -E '(a|b)' >/dev/null 2>&1

then ac\_cv\_path\_EGREP="$GREP -E"

else

if test -z "$EGREP"; then

ac\_path\_EGREP\_found=false

# Loop through the user's path and test for each of PROGNAME-LIST

Продолжение листинга 6

as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH$PATH\_SEPARATOR/usr/xpg4/bin

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

for ac\_prog in egrep; do

for ac\_exec\_ext in '' $ac\_executable\_extensions; do

ac\_path\_EGREP="$as\_dir/$ac\_prog$ac\_exec\_ext"

as\_fn\_executable\_p "$ac\_path\_EGREP" || continue

# Check for GNU ac\_path\_EGREP and select it if it is found.

# Check for GNU $ac\_path\_EGREP

case `"$ac\_path\_EGREP" --version 2>&1` in

\*GNU\*)

ac\_cv\_path\_EGREP="$ac\_path\_EGREP" ac\_path\_EGREP\_found=:;;

\*)

ac\_count=0

$as\_echo\_n 0123456789 >"conftest.in"

while :

do

cat "conftest.in" "conftest.in" >"conftest.tmp"

mv "conftest.tmp" "conftest.in"

cp "conftest.in" "conftest.nl"

$as\_echo 'EGREP' >> "conftest.nl"

"$ac\_path\_EGREP" 'EGREP$' < "conftest.nl" >"conftest.out" 2>/dev/null || break

diff "conftest.out" "conftest.nl" >/dev/null 2>&1 || break

as\_fn\_arith $ac\_count + 1 && ac\_count=$as\_val

if test $ac\_count -gt ${ac\_path\_EGREP\_max-0}; then

# Best one so far, save it but keep looking for a better one

ac\_cv\_path\_EGREP="$ac\_path\_EGREP"

ac\_path\_EGREP\_max=$ac\_count

fi

# 10\*(2^10) chars as input seems more than enough

test $ac\_count -gt 10 && break

done

rm -f conftest.in conftest.tmp conftest.nl conftest.out;;

esac

$ac\_path\_EGREP\_found && break 3

done

done

done

Продолжение листинга 6

IFS=$as\_save\_IFS

if test -z "$ac\_cv\_path\_EGREP"; then

as\_fn\_error $? "no acceptable egrep could be found in $PATH$PATH\_SEPARATOR/usr/xpg4/bin" "$LINENO" 5

fi

else

ac\_cv\_path\_EGREP=$EGREP

fi

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_path\_EGREP" >&5

$as\_echo "$ac\_cv\_path\_EGREP" >&6; }

EGREP="$ac\_cv\_path\_EGREP"

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for ANSI C header files" >&5

$as\_echo\_n "checking for ANSI C header files... " >&6; }

if ${ac\_cv\_header\_stdc+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <stdlib.h>

#include <stdarg.h>

#include <string.h>

#include <float.h>

int

main ()

{

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_cv\_header\_stdc=yes

else

ac\_cv\_header\_stdc=no

fi

Продолжение листинга 6

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

if test $ac\_cv\_header\_stdc = yes; then

# SunOS 4.x string.h does not declare mem\*, contrary to ANSI.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <string.h>

\_ACEOF

if (eval "$ac\_cpp conftest.$ac\_ext") 2>&5 |

$EGREP "memchr" >/dev/null 2>&1; then :

else

ac\_cv\_header\_stdc=no

fi

rm -f conftest\*

fi

if test $ac\_cv\_header\_stdc = yes; then

# ISC 2.0.2 stdlib.h does not declare free, contrary to ANSI.

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <stdlib.h>

\_ACEOF

if (eval "$ac\_cpp conftest.$ac\_ext") 2>&5 |

$EGREP "free" >/dev/null 2>&1; then :

else

ac\_cv\_header\_stdc=no

fi

rm -f conftest\*

fi

if test $ac\_cv\_header\_stdc = yes; then

# /bin/cc in Irix-4.0.5 gets non-ANSI ctype macros unless using -ansi.

if test "$cross\_compiling" = yes; then :

:

else

Продолжение листинга 6

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <ctype.h>

#include <stdlib.h>

#if ((' ' & 0x0FF) == 0x020)

# define ISLOWER(c) ('a' <= (c) && (c) <= 'z')

# define TOUPPER(c) (ISLOWER(c) ? 'A' + ((c) - 'a') : (c))

#else

# define ISLOWER(c) \

(('a' <= (c) && (c) <= 'i') \

|| ('j' <= (c) && (c) <= 'r') \

|| ('s' <= (c) && (c) <= 'z'))

# define TOUPPER(c) (ISLOWER(c) ? ((c) | 0x40) : (c))

#endif

#define XOR(e, f) (((e) && !(f)) || (!(e) && (f)))

int

main ()

{

int i;

for (i = 0; i < 256; i++)

if (XOR (islower (i), ISLOWER (i))

|| toupper (i) != TOUPPER (i))

return 2;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_run "$LINENO"; then :

else

ac\_cv\_header\_stdc=no

fi

rm -f core \*.core core.conftest.\* gmon.out bb.out conftest$ac\_exeext \

conftest.$ac\_objext conftest.beam conftest.$ac\_ext

fi

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_header\_stdc" >&5

$as\_echo "$ac\_cv\_header\_stdc" >&6; }

if test $ac\_cv\_header\_stdc = yes; then

Продолжение листинга 6

$as\_echo "#define STDC\_HEADERS 1" >>confdefs.h

fi

# On IRIX 5.3, sys/types and inttypes.h are conflicting.

for ac\_header in sys/types.h sys/stat.h stdlib.h string.h memory.h strings.h \

inttypes.h stdint.h unistd.h

do :

as\_ac\_Header=`$as\_echo "ac\_cv\_header\_$ac\_header" | $as\_tr\_sh`

ac\_fn\_c\_check\_header\_compile "$LINENO" "$ac\_header" "$as\_ac\_Header" "$ac\_includes\_default

"

if eval test \"x\$"$as\_ac\_Header"\" = x"yes"; then :

cat >>confdefs.h <<\_ACEOF

#define `$as\_echo "HAVE\_$ac\_header" | $as\_tr\_cpp` 1

\_ACEOF

fi

done

for ac\_header in inttypes.h netinet/in.h stdlib.h string.h sys/socket.h unistd.h

do :

as\_ac\_Header=`$as\_echo "ac\_cv\_header\_$ac\_header" | $as\_tr\_sh`

ac\_fn\_c\_check\_header\_mongrel "$LINENO" "$ac\_header" "$as\_ac\_Header" "$ac\_includes\_default"

if eval test \"x\$"$as\_ac\_Header"\" = x"yes"; then :

cat >>confdefs.h <<\_ACEOF

#define `$as\_echo "HAVE\_$ac\_header" | $as\_tr\_cpp` 1

\_ACEOF

fi

done

# Checks for typedefs, structures, and compiler characteristics.

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for stdbool.h that conforms to C99" >&5

Продолжение листинга 6

$as\_echo\_n "checking for stdbool.h that conforms to C99... " >&6; }

if ${ac\_cv\_header\_stdbool\_h+:} false; then :

$as\_echo\_n "(cached) " >&6

else

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#include <stdbool.h>

#ifndef bool

"error: bool is not defined"

#endif

#ifndef false

"error: false is not defined"

#endif

#if false

"error: false is not 0"

#endif

#ifndef true

"error: true is not defined"

#endif

#if true != 1

"error: true is not 1"

#endif

#ifndef \_\_bool\_true\_false\_are\_defined

"error: \_\_bool\_true\_false\_are\_defined is not defined"

#endif

struct s { \_Bool s: 1; \_Bool t; } s;

char a[true == 1 ? 1 : -1];

char b[false == 0 ? 1 : -1];

char c[\_\_bool\_true\_false\_are\_defined == 1 ? 1 : -1];

char d[(bool) 0.5 == true ? 1 : -1];

/\* See body of main program for 'e'. \*/

char f[(\_Bool) 0.0 == false ? 1 : -1];

char g[true];

char h[sizeof (\_Bool)];

char i[sizeof s.t];

enum { j = false, k = true, l = false \* true, m = true \* 256 };

/\* The following fails for

HP aC++/ANSI C B3910B A.05.55 [Dec 04 2003]. \*/

Продолжение листинга 6

\_Bool n[m];

char o[sizeof n == m \* sizeof n[0] ? 1 : -1];

char p[-1 - (\_Bool) 0 < 0 && -1 - (bool) 0 < 0 ? 1 : -1];

/\* Catch a bug in an HP-UX C compiler. See

http://gcc.gnu.org/ml/gcc-patches/2003-12/msg02303.html

http://lists.gnu.org/archive/html/bug-coreutils/2005-11/msg00161.html

\*/

\_Bool q = true;

\_Bool \*pq = &q;

int

main ()

{

bool e = &s;

\*pq |= q;

\*pq |= ! q;

/\* Refer to every declared value, to avoid compiler optimizations. \*/

return (!a + !b + !c + !d + !e + !f + !g + !h + !i + !!j + !k + !!l

+ !m + !n + !o + !p + !q + !pq);

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_compile "$LINENO"; then :

ac\_cv\_header\_stdbool\_h=yes

else

ac\_cv\_header\_stdbool\_h=no

fi

rm -f core conftest.err conftest.$ac\_objext conftest.$ac\_ext

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_header\_stdbool\_h" >&5

$as\_echo "$ac\_cv\_header\_stdbool\_h" >&6; }

ac\_fn\_c\_check\_type "$LINENO" "\_Bool" "ac\_cv\_type\_\_Bool" "$ac\_includes\_default"

if test "x$ac\_cv\_type\_\_Bool" = xyes; then :

cat >>confdefs.h <<\_ACEOF

#define HAVE\_\_BOOL 1

Продолжение листинга 6

\_ACEOF

fi

ac\_fn\_c\_find\_intX\_t "$LINENO" "8" "ac\_cv\_c\_int8\_t"

case $ac\_cv\_c\_int8\_t in #(

no|yes) ;; #(

\*)

cat >>confdefs.h <<\_ACEOF

#define int8\_t $ac\_cv\_c\_int8\_t

\_ACEOF

;;

esac

# Checks for library functions.

for ac\_header in stdlib.h

do :

ac\_fn\_c\_check\_header\_mongrel "$LINENO" "stdlib.h" "ac\_cv\_header\_stdlib\_h" "$ac\_includes\_default"

if test "x$ac\_cv\_header\_stdlib\_h" = xyes; then :

cat >>confdefs.h <<\_ACEOF

#define HAVE\_STDLIB\_H 1

\_ACEOF

fi

done

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: checking for GNU libc compatible malloc" >&5

$as\_echo\_n "checking for GNU libc compatible malloc... " >&6; }

if ${ac\_cv\_func\_malloc\_0\_nonnull+:} false; then :

$as\_echo\_n "(cached) " >&6

else

if test "$cross\_compiling" = yes; then :

ac\_cv\_func\_malloc\_0\_nonnull=no

else

Продолжение листинга 6

cat confdefs.h - <<\_ACEOF >conftest.$ac\_ext

/\* end confdefs.h. \*/

#if defined STDC\_HEADERS || defined HAVE\_STDLIB\_H

# include <stdlib.h>

#else

char \*malloc ();

#endif

int

main ()

{

return ! malloc (0);

;

return 0;

}

\_ACEOF

if ac\_fn\_c\_try\_run "$LINENO"; then :

ac\_cv\_func\_malloc\_0\_nonnull=yes

else

ac\_cv\_func\_malloc\_0\_nonnull=no

fi

rm -f core \*.core core.conftest.\* gmon.out bb.out conftest$ac\_exeext \

conftest.$ac\_objext conftest.beam conftest.$ac\_ext

fi

fi

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: result: $ac\_cv\_func\_malloc\_0\_nonnull" >&5

$as\_echo "$ac\_cv\_func\_malloc\_0\_nonnull" >&6; }

if test $ac\_cv\_func\_malloc\_0\_nonnull = yes; then :

$as\_echo "#define HAVE\_MALLOC 1" >>confdefs.h

else

$as\_echo "#define HAVE\_MALLOC 0" >>confdefs.h

case " $LIBOBJS " in

\*" malloc.$ac\_objext "\* ) ;;

\*) LIBOBJS="$LIBOBJS malloc.$ac\_objext"

;;

esac

Продолжение листинга 6

$as\_echo "#define malloc rpl\_malloc" >>confdefs.h

fi

for ac\_func in bzero memset socket strtol

do :

as\_ac\_var=`$as\_echo "ac\_cv\_func\_$ac\_func" | $as\_tr\_sh`

ac\_fn\_c\_check\_func "$LINENO" "$ac\_func" "$as\_ac\_var"

if eval test \"x\$"$as\_ac\_var"\" = x"yes"; then :

cat >>confdefs.h <<\_ACEOF

#define `$as\_echo "HAVE\_$ac\_func" | $as\_tr\_cpp` 1

\_ACEOF

fi

done

ac\_config\_files="$ac\_config\_files Makefile"

cat >confcache <<\\_ACEOF

# This file is a shell script that caches the results of configure

# tests run on this system so they can be shared between configure

# scripts and configure runs, see configure's option --config-cache.

# It is not useful on other systems. If it contains results you don't

# want to keep, you may remove or edit it.

#

# config.status only pays attention to the cache file if you give it

# the --recheck option to rerun configure.

#

# `ac\_cv\_env\_foo' variables (set or unset) will be overridden when

# loading this file, other \*unset\* `ac\_cv\_foo' will be assigned the

# following values.

\_ACEOF

# The following way of writing the cache mishandles newlines in values,

# but we know of no workaround that is simple, portable, and efficient.

# So, we kill variables containing newlines.

Продолжение листинга 6

# Ultrix sh set writes to stderr and can't be redirected directly,

# and sets the high bit in the cache file unless we assign to the vars.

(

for ac\_var in `(set) 2>&1 | sed -n 's/^\([a-zA-Z\_][a-zA-Z0-9\_]\*\)=.\*/\1/p'`; do

eval ac\_val=\$$ac\_var

case $ac\_val in #(

\*${as\_nl}\*)

case $ac\_var in #(

\*\_cv\_\*) { $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: cache variable $ac\_var contains a newline" >&5

$as\_echo "$as\_me: WARNING: cache variable $ac\_var contains a newline" >&2;} ;;

esac

case $ac\_var in #(

\_ | IFS | as\_nl) ;; #(

BASH\_ARGV | BASH\_SOURCE) eval $ac\_var= ;; #(

\*) { eval $ac\_var=; unset $ac\_var;} ;;

esac ;;

esac

done

(set) 2>&1 |

case $as\_nl`(ac\_space=' '; set) 2>&1` in #(

\*${as\_nl}ac\_space=\ \*)

# `set' does not quote correctly, so add quotes: double-quote

# substitution turns \\\\ into \\, and sed turns \\ into \.

sed -n \

"s/'/'\\\\''/g;

s/^\\([\_$as\_cr\_alnum]\*\_cv\_[\_$as\_cr\_alnum]\*\\)=\\(.\*\\)/\\1='\\2'/p"

;; #(

\*)

# `set' quotes correctly as required by POSIX, so do not add quotes.

sed -n "/^[\_$as\_cr\_alnum]\*\_cv\_[\_$as\_cr\_alnum]\*=/p"

;;

esac |

sort

) |

sed '

/^ac\_cv\_env\_/b end

t clear

:clear

s/^\([^=]\*\)=\(.\*[{}].\*\)$/test "${\1+set}" = set || &/

Продолжение листинга 6

t end

s/^\([^=]\*\)=\(.\*\)$/\1=${\1=\2}/

:end' >>confcache

if diff "$cache\_file" confcache >/dev/null 2>&1; then :; else

if test -w "$cache\_file"; then

if test "x$cache\_file" != "x/dev/null"; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: updating cache $cache\_file" >&5

$as\_echo "$as\_me: updating cache $cache\_file" >&6;}

if test ! -f "$cache\_file" || test -h "$cache\_file"; then

cat confcache >"$cache\_file"

else

case $cache\_file in #(

\*/\* | ?:\*)

mv -f confcache "$cache\_file"$$ &&

mv -f "$cache\_file"$$ "$cache\_file" ;; #(

\*)

mv -f confcache "$cache\_file" ;;

esac

fi

fi

else

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: not updating unwritable cache $cache\_file" >&5

$as\_echo "$as\_me: not updating unwritable cache $cache\_file" >&6;}

fi

fi

rm -f confcache

test "x$prefix" = xNONE && prefix=$ac\_default\_prefix

# Let make expand exec\_prefix.

test "x$exec\_prefix" = xNONE && exec\_prefix='${prefix}'

DEFS=-DHAVE\_CONFIG\_H

ac\_libobjs=

ac\_ltlibobjs=

U=

for ac\_i in : $LIBOBJS; do test "x$ac\_i" = x: && continue

# 1. Remove the extension, and $U if already installed.

ac\_script='s/\$U\././;s/\.o$//;s/\.obj$//'

ac\_i=`$as\_echo "$ac\_i" | sed "$ac\_script"`

Продолжение листинга 6

# 2. Prepend LIBOBJDIR. When used with automake>=1.10 LIBOBJDIR

# will be set to the directory where LIBOBJS objects are built.

as\_fn\_append ac\_libobjs " \${LIBOBJDIR}$ac\_i\$U.$ac\_objext"

as\_fn\_append ac\_ltlibobjs " \${LIBOBJDIR}$ac\_i"'$U.lo'

done

LIBOBJS=$ac\_libobjs

LTLIBOBJS=$ac\_ltlibobjs

: "${CONFIG\_STATUS=./config.status}"

ac\_write\_fail=0

ac\_clean\_files\_save=$ac\_clean\_files

ac\_clean\_files="$ac\_clean\_files $CONFIG\_STATUS"

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: creating $CONFIG\_STATUS" >&5

$as\_echo "$as\_me: creating $CONFIG\_STATUS" >&6;}

as\_write\_fail=0

cat >$CONFIG\_STATUS <<\_ASEOF || as\_write\_fail=1

#! $SHELL

# Generated by $as\_me.

# Run this file to recreate the current configuration.

# Compiler output produced by configure, useful for debugging

# configure, is in config.log if it exists.

debug=false

ac\_cs\_recheck=false

ac\_cs\_silent=false

SHELL=\${CONFIG\_SHELL-$SHELL}

export SHELL

\_ASEOF

cat >>$CONFIG\_STATUS <<\\_ASEOF || as\_write\_fail=1

## -------------------- ##

## M4sh Initialization. ##

## -------------------- ##

# Be more Bourne compatible

DUALCASE=1; export DUALCASE # for MKS sh

if test -n "${ZSH\_VERSION+set}" && (emulate sh) >/dev/null 2>&1; then :

emulate sh

Продолжение листинга 6

NULLCMD=:

# Pre-4.2 versions of Zsh do word splitting on ${1+"$@"}, which

# is contrary to our usage. Disable this feature.

alias -g '${1+"$@"}'='"$@"'

setopt NO\_GLOB\_SUBST

else

case `(set -o) 2>/dev/null` in #(

\*posix\*) :

set -o posix ;; #(

\*) :

;;

esac

fi

as\_nl='

'

export as\_nl

# Printing a long string crashes Solaris 7 /usr/bin/printf.

as\_echo='\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\'

as\_echo=$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo

as\_echo=$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo$as\_echo

# Prefer a ksh shell builtin over an external printf program on Solaris,

# but without wasting forks for bash or zsh.

if test -z "$BASH\_VERSION$ZSH\_VERSION" \

&& (test "X`print -r -- $as\_echo`" = "X$as\_echo") 2>/dev/null; then

as\_echo='print -r --'

as\_echo\_n='print -rn --'

elif (test "X`printf %s $as\_echo`" = "X$as\_echo") 2>/dev/null; then

as\_echo='printf %s\n'

as\_echo\_n='printf %s'

else

if test "X`(/usr/ucb/echo -n -n $as\_echo) 2>/dev/null`" = "X-n $as\_echo"; then

as\_echo\_body='eval /usr/ucb/echo -n "$1$as\_nl"'

as\_echo\_n='/usr/ucb/echo -n'

else

as\_echo\_body='eval expr "X$1" : "X\\(.\*\\)"'

as\_echo\_n\_body='eval

arg=$1;

case $arg in #(

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\*"$as\_nl"\*)

expr "X$arg" : "X\\(.\*\\)$as\_nl";

arg=`expr "X$arg" : ".\*$as\_nl\\(.\*\\)"`;;

esac;

expr "X$arg" : "X\\(.\*\\)" | tr -d "$as\_nl"

'

export as\_echo\_n\_body

as\_echo\_n='sh -c $as\_echo\_n\_body as\_echo'

fi

export as\_echo\_body

as\_echo='sh -c $as\_echo\_body as\_echo'

fi

# The user is always right.

if test "${PATH\_SEPARATOR+set}" != set; then

PATH\_SEPARATOR=:

(PATH='/bin;/bin'; FPATH=$PATH; sh -c :) >/dev/null 2>&1 && {

(PATH='/bin:/bin'; FPATH=$PATH; sh -c :) >/dev/null 2>&1 ||

PATH\_SEPARATOR=';'

}

fi

# IFS

# We need space, tab and new line, in precisely that order. Quoting is

# there to prevent editors from complaining about space-tab.

# (If \_AS\_PATH\_WALK were called with IFS unset, it would disable word

# splitting by setting IFS to empty value.)

IFS=" "" $as\_nl"

# Find who we are. Look in the path if we contain no directory separator.

as\_myself=

case $0 in #((

\*[\\/]\* ) as\_myself=$0 ;;

\*) as\_save\_IFS=$IFS; IFS=$PATH\_SEPARATOR

for as\_dir in $PATH

do

IFS=$as\_save\_IFS

test -z "$as\_dir" && as\_dir=.

test -r "$as\_dir/$0" && as\_myself=$as\_dir/$0 && break

done

Продолжение листинга 6

IFS=$as\_save\_IFS

;;

esac

# We did not find ourselves, most probably we were run as `sh COMMAND'

# in which case we are not to be found in the path.

if test "x$as\_myself" = x; then

as\_myself=$0

fi

if test ! -f "$as\_myself"; then

$as\_echo "$as\_myself: error: cannot find myself; rerun with an absolute file name" >&2

exit 1

fi

# Unset variables that we do not need and which cause bugs (e.g. in

# pre-3.0 UWIN ksh). But do not cause bugs in bash 2.01; the "|| exit 1"

# suppresses any "Segmentation fault" message there. '((' could

# trigger a bug in pdksh 5.2.14.

for as\_var in BASH\_ENV ENV MAIL MAILPATH

do eval test x\${$as\_var+set} = xset \

&& ( (unset $as\_var) || exit 1) >/dev/null 2>&1 && unset $as\_var || :

done

PS1='$ '

PS2='> '

PS4='+ '

# NLS nuisances.

LC\_ALL=C

export LC\_ALL

LANGUAGE=C

export LANGUAGE

# CDPATH.

(unset CDPATH) >/dev/null 2>&1 && unset CDPATH

# as\_fn\_error STATUS ERROR [LINENO LOG\_FD]

# ----------------------------------------

# Output "`basename $0`: error: ERROR" to stderr. If LINENO and LOG\_FD are

# provided, also output the error to LOG\_FD, referencing LINENO. Then exit the

Продолжение листинга 6

# script with STATUS, using 1 if that was 0.

as\_fn\_error ()

{

as\_status=$1; test $as\_status -eq 0 && as\_status=1

if test "$4"; then

as\_lineno=${as\_lineno-"$3"} as\_lineno\_stack=as\_lineno\_stack=$as\_lineno\_stack

$as\_echo "$as\_me:${as\_lineno-$LINENO}: error: $2" >&$4

fi

$as\_echo "$as\_me: error: $2" >&2

as\_fn\_exit $as\_status

} # as\_fn\_error

# as\_fn\_set\_status STATUS

# -----------------------

# Set $? to STATUS, without forking.

as\_fn\_set\_status ()

{

return $1

} # as\_fn\_set\_status

# as\_fn\_exit STATUS

# -----------------

# Exit the shell with STATUS, even in a "trap 0" or "set -e" context.

as\_fn\_exit ()

{

set +e

as\_fn\_set\_status $1

exit $1

} # as\_fn\_exit

# as\_fn\_unset VAR

# ---------------

# Portably unset VAR.

as\_fn\_unset ()

{

{ eval $1=; unset $1;}

}

as\_unset=as\_fn\_unset

# as\_fn\_append VAR VALUE

# ----------------------

Продолжение листинга 6

# Append the text in VALUE to the end of the definition contained in VAR. Take

# advantage of any shell optimizations that allow amortized linear growth over

# repeated appends, instead of the typical quadratic growth present in naive

# implementations.

if (eval "as\_var=1; as\_var+=2; test x\$as\_var = x12") 2>/dev/null; then :

eval 'as\_fn\_append ()

{

eval $1+=\$2

}'

else

as\_fn\_append ()

{

eval $1=\$$1\$2

}

fi # as\_fn\_append

# as\_fn\_arith ARG...

# ------------------

# Perform arithmetic evaluation on the ARGs, and store the result in the

# global $as\_val. Take advantage of shells that can avoid forks. The arguments

# must be portable across $(()) and expr.

if (eval "test \$(( 1 + 1 )) = 2") 2>/dev/null; then :

eval 'as\_fn\_arith ()

{

as\_val=$(( $\* ))

}'

else

as\_fn\_arith ()

{

as\_val=`expr "$@" || test $? -eq 1`

}

fi # as\_fn\_arith

if expr a : '\(a\)' >/dev/null 2>&1 &&

test "X`expr 00001 : '.\*\(...\)'`" = X001; then

as\_expr=expr

else

as\_expr=false

fi

Продолжение листинга 6

if (basename -- /) >/dev/null 2>&1 && test "X`basename -- / 2>&1`" = "X/"; then

as\_basename=basename

else

as\_basename=false

fi

if (as\_dir=`dirname -- /` && test "X$as\_dir" = X/) >/dev/null 2>&1; then

as\_dirname=dirname

else

as\_dirname=false

fi

as\_me=`$as\_basename -- "$0" ||

$as\_expr X/"$0" : '.\*/\([^/][^/]\*\)/\*$' \| \

X"$0" : 'X\(//\)$' \| \

X"$0" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X/"$0" |

sed '/^.\*\/\([^/][^/]\*\)\/\*$/{

s//\1/

q

}

/^X\/\(\/\/\)$/{

s//\1/

q

}

/^X\/\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

# Avoid depending upon Character Ranges.

as\_cr\_letters='abcdefghijklmnopqrstuvwxyz'

as\_cr\_LETTERS='ABCDEFGHIJKLMNOPQRSTUVWXYZ'

as\_cr\_Letters=$as\_cr\_letters$as\_cr\_LETTERS

as\_cr\_digits='0123456789'

as\_cr\_alnum=$as\_cr\_Letters$as\_cr\_digits

ECHO\_C= ECHO\_N= ECHO\_T=

case `echo -n x` in #(((((

-n\*)

Продолжение листинга 6

case `echo 'xy\c'` in

\*c\*) ECHO\_T=' ';; # ECHO\_T is single tab character.

xy) ECHO\_C='\c';;

\*) echo `echo ksh88 bug on AIX 6.1` > /dev/null

ECHO\_T=' ';;

esac;;

\*)

ECHO\_N='-n';;

esac

rm -f conf$$ conf$$.exe conf$$.file

if test -d conf$$.dir; then

rm -f conf$$.dir/conf$$.file

else

rm -f conf$$.dir

mkdir conf$$.dir 2>/dev/null

fi

if (echo >conf$$.file) 2>/dev/null; then

if ln -s conf$$.file conf$$ 2>/dev/null; then

as\_ln\_s='ln -s'

# ... but there are two gotchas:

# 1) On MSYS, both `ln -s file dir' and `ln file dir' fail.

# 2) DJGPP < 2.04 has no symlinks; `ln -s' creates a wrapper executable.

# In both cases, we have to default to `cp -pR'.

ln -s conf$$.file conf$$.dir 2>/dev/null && test ! -f conf$$.exe ||

as\_ln\_s='cp -pR'

elif ln conf$$.file conf$$ 2>/dev/null; then

as\_ln\_s=ln

else

as\_ln\_s='cp -pR'

fi

else

as\_ln\_s='cp -pR'

fi

rm -f conf$$ conf$$.exe conf$$.dir/conf$$.file conf$$.file

rmdir conf$$.dir 2>/dev/null

# as\_fn\_mkdir\_p

# -------------

# Create "$as\_dir" as a directory, including parents if necessary.

Продолжение листинга 6

as\_fn\_mkdir\_p ()

{

case $as\_dir in #(

-\*) as\_dir=./$as\_dir;;

esac

test -d "$as\_dir" || eval $as\_mkdir\_p || {

as\_dirs=

while :; do

case $as\_dir in #(

\*\'\*) as\_qdir=`$as\_echo "$as\_dir" | sed "s/'/'\\\\\\\\''/g"`;; #'(

\*) as\_qdir=$as\_dir;;

esac

as\_dirs="'$as\_qdir' $as\_dirs"

as\_dir=`$as\_dirname -- "$as\_dir" ||

$as\_expr X"$as\_dir" : 'X\(.\*[^/]\)//\*[^/][^/]\*/\*$' \| \

X"$as\_dir" : 'X\(//\)[^/]' \| \

X"$as\_dir" : 'X\(//\)$' \| \

X"$as\_dir" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X"$as\_dir" |

sed '/^X\(.\*[^/]\)\/\/\*[^/][^/]\*\/\*$/{

s//\1/

q

}

/^X\(\/\/\)[^/].\*/{

s//\1/

q

}

/^X\(\/\/\)$/{

s//\1/

q

}

/^X\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

test -d "$as\_dir" && break

done

test -z "$as\_dirs" || eval "mkdir $as\_dirs"

} || test -d "$as\_dir" || as\_fn\_error $? "cannot create directory $as\_dir"

Продолжение листинга 6

} # as\_fn\_mkdir\_p

if mkdir -p . 2>/dev/null; then

as\_mkdir\_p='mkdir -p "$as\_dir"'

else

test -d ./-p && rmdir ./-p

as\_mkdir\_p=false

fi

# as\_fn\_executable\_p FILE

# -----------------------

# Test if FILE is an executable regular file.

as\_fn\_executable\_p ()

{

test -f "$1" && test -x "$1"

} # as\_fn\_executable\_p

as\_test\_x='test -x'

as\_executable\_p=as\_fn\_executable\_p

# Sed expression to map a string onto a valid CPP name.

as\_tr\_cpp="eval sed 'y%\*$as\_cr\_letters%P$as\_cr\_LETTERS%;s%[^\_$as\_cr\_alnum]%\_%g'"

# Sed expression to map a string onto a valid variable name.

as\_tr\_sh="eval sed 'y%\*+%pp%;s%[^\_$as\_cr\_alnum]%\_%g'"

exec 6>&1

## ----------------------------------- ##

## Main body of $CONFIG\_STATUS script. ##

## ----------------------------------- ##

\_ASEOF

test $as\_write\_fail = 0 && chmod +x $CONFIG\_STATUS || ac\_write\_fail=1

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

# Save the log message, to keep $0 and so on meaningful, and to

# report actual input values of CONFIG\_FILES etc. instead of their

# values after options handling.

ac\_log="

This file was extended by FULL-PACKAGE-NAME $as\_me VERSION, which was

Продолжение листинга 6

generated by GNU Autoconf 2.69. Invocation command line was

CONFIG\_FILES = $CONFIG\_FILES

CONFIG\_HEADERS = $CONFIG\_HEADERS

CONFIG\_LINKS = $CONFIG\_LINKS

CONFIG\_COMMANDS = $CONFIG\_COMMANDS

$ $0 $@

on `(hostname || uname -n) 2>/dev/null | sed 1q`

"

\_ACEOF

case $ac\_config\_files in \*"

"\*) set x $ac\_config\_files; shift; ac\_config\_files=$\*;;

esac

case $ac\_config\_headers in \*"

"\*) set x $ac\_config\_headers; shift; ac\_config\_headers=$\*;;

esac

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

# Files that config.status was made for.

config\_files="$ac\_config\_files"

config\_headers="$ac\_config\_headers"

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

ac\_cs\_usage="\

\`$as\_me' instantiates files and other configuration actions

from templates according to the current configuration. Unless the files

and actions are specified as TAGs, all are instantiated by default.

Usage: $0 [OPTION]... [TAG]...

-h, --help print this help, then exit

-V, --version print version number and configuration settings, then exit

--config print configuration, then exit

-q, --quiet, --silent

Продолжение листинга 6

do not print progress messages

-d, --debug don't remove temporary files

--recheck update $as\_me by reconfiguring in the same conditions

--file=FILE[:TEMPLATE]

instantiate the configuration file FILE

--header=FILE[:TEMPLATE]

instantiate the configuration header FILE

Configuration files:

$config\_files

Configuration headers:

$config\_headers

Report bugs to <BUG-REPORT-ADDRESS>."

\_ACEOF

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

ac\_cs\_config="`$as\_echo "$ac\_configure\_args" | sed 's/^ //; s/[\\""\`\$]/\\\\&/g'`"

ac\_cs\_version="\\

FULL-PACKAGE-NAME config.status VERSION

configured by $0, generated by GNU Autoconf 2.69,

with options \\"\$ac\_cs\_config\\"

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This config.status script is free software; the Free Software Foundation

gives unlimited permission to copy, distribute and modify it."

ac\_pwd='$ac\_pwd'

srcdir='$srcdir'

test -n "\$AWK" || AWK=awk

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

# The default lists apply if the user does not specify any file.

ac\_need\_defaults=:

while test $# != 0

do

case $1 in

--\*=?\*)

Продолжение листинга 6

ac\_option=`expr "X$1" : 'X\([^=]\*\)='`

ac\_optarg=`expr "X$1" : 'X[^=]\*=\(.\*\)'`

ac\_shift=:

;;

--\*=)

ac\_option=`expr "X$1" : 'X\([^=]\*\)='`

ac\_optarg=

ac\_shift=:

;;

\*)

ac\_option=$1

ac\_optarg=$2

ac\_shift=shift

;;

esac

case $ac\_option in

# Handling of the options.

-recheck | --recheck | --rechec | --reche | --rech | --rec | --re | --r)

ac\_cs\_recheck=: ;;

--version | --versio | --versi | --vers | --ver | --ve | --v | -V )

$as\_echo "$ac\_cs\_version"; exit ;;

--config | --confi | --conf | --con | --co | --c )

$as\_echo "$ac\_cs\_config"; exit ;;

--debug | --debu | --deb | --de | --d | -d )

debug=: ;;

--file | --fil | --fi | --f )

$ac\_shift

case $ac\_optarg in

\*\'\*) ac\_optarg=`$as\_echo "$ac\_optarg" | sed "s/'/'\\\\\\\\''/g"` ;;

'') as\_fn\_error $? "missing file argument" ;;

esac

as\_fn\_append CONFIG\_FILES " '$ac\_optarg'"

ac\_need\_defaults=false;;

--header | --heade | --head | --hea )

$ac\_shift

case $ac\_optarg in

\*\'\*) ac\_optarg=`$as\_echo "$ac\_optarg" | sed "s/'/'\\\\\\\\''/g"` ;;

esac

as\_fn\_append CONFIG\_HEADERS " '$ac\_optarg'"

ac\_need\_defaults=false;;

Продолжение листинга 6

--he | --h)

# Conflict between --help and --header

as\_fn\_error $? "ambiguous option: \`$1'

Try \`$0 --help' for more information.";;

--help | --hel | -h )

$as\_echo "$ac\_cs\_usage"; exit ;;

-q | -quiet | --quiet | --quie | --qui | --qu | --q \

| -silent | --silent | --silen | --sile | --sil | --si | --s)

ac\_cs\_silent=: ;;

# This is an error.

-\*) as\_fn\_error $? "unrecognized option: \`$1'

Try \`$0 --help' for more information." ;;

\*) as\_fn\_append ac\_config\_targets " $1"

ac\_need\_defaults=false ;;

esac

shift

done

ac\_configure\_extra\_args=

if $ac\_cs\_silent; then

exec 6>/dev/null

ac\_configure\_extra\_args="$ac\_configure\_extra\_args --silent"

fi

\_ACEOF

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

if \$ac\_cs\_recheck; then

set X $SHELL '$0' $ac\_configure\_args \$ac\_configure\_extra\_args --no-create --no-recursion

shift

\$as\_echo "running CONFIG\_SHELL=$SHELL \$\*" >&6

CONFIG\_SHELL='$SHELL'

export CONFIG\_SHELL

exec "\$@"

fi

\_ACEOF

Продолжение листинга 6

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

exec 5>>config.log

{

echo

sed 'h;s/./-/g;s/^.../## /;s/...$/ ##/;p;x;p;x' <<\_ASBOX

## Running $as\_me. ##

\_ASBOX

$as\_echo "$ac\_log"

} >&5

\_ACEOF

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

# Handling of arguments.

for ac\_config\_target in $ac\_config\_targets

do

case $ac\_config\_target in

"config.h") CONFIG\_HEADERS="$CONFIG\_HEADERS config.h" ;;

"Makefile") CONFIG\_FILES="$CONFIG\_FILES Makefile" ;;

\*) as\_fn\_error $? "invalid argument: \`$ac\_config\_target'" "$LINENO" 5;;

esac

done

# If the user did not use the arguments to specify the items to instantiate,

# then the envvar interface is used. Set only those that are not.

# We use the long form for the default assignment because of an extremely

# bizarre bug on SunOS 4.1.3.

if $ac\_need\_defaults; then

test "${CONFIG\_FILES+set}" = set || CONFIG\_FILES=$config\_files

test "${CONFIG\_HEADERS+set}" = set || CONFIG\_HEADERS=$config\_headers

fi

# Have a temporary directory for convenience. Make it in the build tree

# simply because there is no reason against having it here, and in addition,

# creating and moving files from /tmp can sometimes cause problems.

# Hook for its removal unless debugging.

Продолжение листинга 6

# Note that there is a small window in which the directory will not be cleaned:

# after its creation but before its name has been assigned to `$tmp'.

$debug ||

{

tmp= ac\_tmp=

trap 'exit\_status=$?

: "${ac\_tmp:=$tmp}"

{ test ! -d "$ac\_tmp" || rm -fr "$ac\_tmp"; } && exit $exit\_status

' 0

trap 'as\_fn\_exit 1' 1 2 13 15

}

# Create a (secure) tmp directory for tmp files.

{

tmp=`(umask 077 && mktemp -d "./confXXXXXX") 2>/dev/null` &&

test -d "$tmp"

} ||

{

tmp=./conf$$-$RANDOM

(umask 077 && mkdir "$tmp")

} || as\_fn\_error $? "cannot create a temporary directory in ." "$LINENO" 5

ac\_tmp=$tmp

# Set up the scripts for CONFIG\_FILES section.

# No need to generate them if there are no CONFIG\_FILES.

# This happens for instance with `./config.status config.h'.

if test -n "$CONFIG\_FILES"; then

ac\_cr=`echo X | tr X '\015'`

# On cygwin, bash can eat \r inside `` if the user requested igncr.

# But we know of no other shell where ac\_cr would be empty at this

# point, so we can use a bashism as a fallback.

if test "x$ac\_cr" = x; then

eval ac\_cr=\$\'\\r\'

fi

ac\_cs\_awk\_cr=`$AWK 'BEGIN { print "a\rb" }' </dev/null 2>/dev/null`

if test "$ac\_cs\_awk\_cr" = "a${ac\_cr}b"; then

ac\_cs\_awk\_cr='\\r'

else

ac\_cs\_awk\_cr=$ac\_cr

Продолжение листинга 6

fi

echo 'BEGIN {' >"$ac\_tmp/subs1.awk" &&

\_ACEOF

{

echo "cat >conf$$subs.awk <<\_ACEOF" &&

echo "$ac\_subst\_vars" | sed 's/.\*/&!$&$ac\_delim/' &&

echo "\_ACEOF"

} >conf$$subs.sh ||

as\_fn\_error $? "could not make $CONFIG\_STATUS" "$LINENO" 5

ac\_delim\_num=`echo "$ac\_subst\_vars" | grep -c '^'`

ac\_delim='%!\_!# '

for ac\_last\_try in false false false false false :; do

. ./conf$$subs.sh ||

as\_fn\_error $? "could not make $CONFIG\_STATUS" "$LINENO" 5

ac\_delim\_n=`sed -n "s/.\*$ac\_delim\$/X/p" conf$$subs.awk | grep -c X`

if test $ac\_delim\_n = $ac\_delim\_num; then

break

elif $ac\_last\_try; then

as\_fn\_error $? "could not make $CONFIG\_STATUS" "$LINENO" 5

else

ac\_delim="$ac\_delim!$ac\_delim \_$ac\_delim!! "

fi

done

rm -f conf$$subs.sh

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

cat >>"\$ac\_tmp/subs1.awk" <<\\\_ACAWK &&

\_ACEOF

sed -n '

h

s/^/S["/; s/!.\*/"]=/

p

g

s/^[^!]\*!//

:repl

t repl

s/'"$ac\_delim"'$//

Продолжение листинга 6

t delim

:nl

h

s/\(.\{148\}\)..\*/\1/

t more1

s/["\\]/\\&/g; s/^/"/; s/$/\\n"\\/

p

n

b repl

:more1

s/["\\]/\\&/g; s/^/"/; s/$/"\\/

p

g

s/.\{148\}//

t nl

:delim

h

s/\(.\{148\}\)..\*/\1/

t more2

s/["\\]/\\&/g; s/^/"/; s/$/"/

p

b

:more2

s/["\\]/\\&/g; s/^/"/; s/$/"\\/

p

g

s/.\{148\}//

t delim

' <conf$$subs.awk | sed '

/^[^""]/{

N

s/\n//

}

' >>$CONFIG\_STATUS || ac\_write\_fail=1

rm -f conf$$subs.awk

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

\_ACAWK

cat >>"\$ac\_tmp/subs1.awk" <<\_ACAWK &&

for (key in S) S\_is\_set[key] = 1

FS = "

"

Продолжение листинга 6

}

{

line = $ 0

nfields = split(line, field, "@")

substed = 0

len = length(field[1])

for (i = 2; i < nfields; i++) {

key = field[i]

keylen = length(key)

if (S\_is\_set[key]) {

value = S[key]

line = substr(line, 1, len) "" value "" substr(line, len + keylen + 3)

len += length(value) + length(field[++i])

substed = 1

} else

len += 1 + keylen

}

print line

}

\_ACAWK

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

if sed "s/$ac\_cr//" < /dev/null > /dev/null 2>&1; then

sed "s/$ac\_cr\$//; s/$ac\_cr/$ac\_cs\_awk\_cr/g"

else

cat

fi < "$ac\_tmp/subs1.awk" > "$ac\_tmp/subs.awk" \

|| as\_fn\_error $? "could not setup config files machinery" "$LINENO" 5

\_ACEOF

# VPATH may cause trouble with some makes, so we remove sole $(srcdir),

# ${srcdir} and @srcdir@ entries from VPATH if srcdir is ".", strip leading and

# trailing colons and then remove the whole line if VPATH becomes empty

# (actually we leave an empty line to preserve line numbers).

if test "x$srcdir" = x.; then

ac\_vpsub='/^[ ]\*VPATH[ ]\*=[ ]\*/{

h

s///

Продолжение листинга 6

s/^/:/

s/[ ]\*$/:/

s/:\$(srcdir):/:/g

s/:\${srcdir}:/:/g

s/:@srcdir@:/:/g

s/^:\*//

s/:\*$//

x

s/\(=[ ]\*\).\*/\1/

G

s/\n//

s/^[^=]\*=[ ]\*$//

}'

fi

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

fi # test -n "$CONFIG\_FILES"

# Set up the scripts for CONFIG\_HEADERS section.

# No need to generate them if there are no CONFIG\_HEADERS.

# This happens for instance with `./config.status Makefile'.

if test -n "$CONFIG\_HEADERS"; then

cat >"$ac\_tmp/defines.awk" <<\\_ACAWK ||

BEGIN {

\_ACEOF

# Transform confdefs.h into an awk script `defines.awk', embedded as

# here-document in config.status, that substitutes the proper values into

# config.h.in to produce config.h.

# Create a delimiter string that does not exist in confdefs.h, to ease

# handling of long lines.

ac\_delim='%!\_!# '

for ac\_last\_try in false false :; do

ac\_tt=`sed -n "/$ac\_delim/p" confdefs.h`

if test -z "$ac\_tt"; then

break

elif $ac\_last\_try; then

as\_fn\_error $? "could not make $CONFIG\_HEADERS" "$LINENO" 5

else

ac\_delim="$ac\_delim!$ac\_delim \_$ac\_delim!! "

Продолжение листинга 6

fi

done

# For the awk script, D is an array of macro values keyed by name,

# likewise P contains macro parameters if any. Preserve backslash

# newline sequences.

ac\_word\_re=[\_$as\_cr\_Letters][\_$as\_cr\_alnum]\*

sed -n '

s/.\{148\}/&'"$ac\_delim"'/g

t rset

:rset

s/^[ ]\*#[ ]\*define[ ][ ]\*/ /

t def

d

:def

s/\\$//

t bsnl

s/["\\]/\\&/g

s/^ \('"$ac\_word\_re"'\)\(([^()]\*)\)[ ]\*\(.\*\)/P["\1"]="\2"\

D["\1"]=" \3"/p

s/^ \('"$ac\_word\_re"'\)[ ]\*\(.\*\)/D["\1"]=" \2"/p

d

:bsnl

s/["\\]/\\&/g

s/^ \('"$ac\_word\_re"'\)\(([^()]\*)\)[ ]\*\(.\*\)/P["\1"]="\2"\

D["\1"]=" \3\\\\\\n"\\/p

t cont

s/^ \('"$ac\_word\_re"'\)[ ]\*\(.\*\)/D["\1"]=" \2\\\\\\n"\\/p

t cont

d

:cont

n

s/.\{148\}/&'"$ac\_delim"'/g

t clear

:clear

s/\\$//

t bsnlc

s/["\\]/\\&/g; s/^/"/; s/$/"/p

d

:bsnlc

Продолжение листинга 6

s/["\\]/\\&/g; s/^/"/; s/$/\\\\\\n"\\/p

b cont

' <confdefs.h | sed '

s/'"$ac\_delim"'/"\\\

"/g' >>$CONFIG\_STATUS || ac\_write\_fail=1

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

for (key in D) D\_is\_set[key] = 1

FS = "

"

}

/^[\t ]\*#[\t ]\*(define|undef)[\t ]+$ac\_word\_re([\t (]|\$)/ {

line = \$ 0

split(line, arg, " ")

if (arg[1] == "#") {

defundef = arg[2]

mac1 = arg[3]

} else {

defundef = substr(arg[1], 2)

mac1 = arg[2]

}

split(mac1, mac2, "(") #)

macro = mac2[1]

prefix = substr(line, 1, index(line, defundef) - 1)

if (D\_is\_set[macro]) {

# Preserve the white space surrounding the "#".

print prefix "define", macro P[macro] D[macro]

next

} else {

# Replace #undef with comments. This is necessary, for example,

# in the case of \_POSIX\_SOURCE, which is predefined and required

# on some systems where configure will not decide to define it.

if (defundef == "undef") {

print "/\*", prefix defundef, macro, "\*/"

next

}

}

}

{ print }

\_ACAWK

\_ACEOF

Продолжение листинга 6

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

as\_fn\_error $? "could not setup config headers machinery" "$LINENO" 5

fi # test -n "$CONFIG\_HEADERS"

eval set X " :F $CONFIG\_FILES :H $CONFIG\_HEADERS "

shift

for ac\_tag

do

case $ac\_tag in

:[FHLC]) ac\_mode=$ac\_tag; continue;;

esac

case $ac\_mode$ac\_tag in

:[FHL]\*:\*);;

:L\* | :C\*:\*) as\_fn\_error $? "invalid tag \`$ac\_tag'" "$LINENO" 5;;

:[FH]-) ac\_tag=-:-;;

:[FH]\*) ac\_tag=$ac\_tag:$ac\_tag.in;;

esac

ac\_save\_IFS=$IFS

IFS=:

set x $ac\_tag

IFS=$ac\_save\_IFS

shift

ac\_file=$1

shift

case $ac\_mode in

:L) ac\_source=$1;;

:[FH])

ac\_file\_inputs=

for ac\_f

do

case $ac\_f in

-) ac\_f="$ac\_tmp/stdin";;

\*) # Look for the file first in the build tree, then in the source tree

# (if the path is not absolute). The absolute path cannot be DOS-style,

# because $ac\_f cannot contain `:'.

test -f "$ac\_f" ||

case $ac\_f in

[\\/$]\*) false;;

\*) test -f "$srcdir/$ac\_f" && ac\_f="$srcdir/$ac\_f";;

Продолжение листинга 6

esac ||

as\_fn\_error 1 "cannot find input file: \`$ac\_f'" "$LINENO" 5;;

esac

case $ac\_f in \*\'\*) ac\_f=`$as\_echo "$ac\_f" | sed "s/'/'\\\\\\\\''/g"`;; esac

as\_fn\_append ac\_file\_inputs " '$ac\_f'"

done

# Let's still pretend it is `configure' which instantiates (i.e., don't

# use $as\_me), people would be surprised to read:

# /\* config.h. Generated by config.status. \*/

configure\_input='Generated from '`

$as\_echo "$\*" | sed 's|^[^:]\*/||;s|:[^:]\*/|, |g'

`' by configure.'

if test x"$ac\_file" != x-; then

configure\_input="$ac\_file. $configure\_input"

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: creating $ac\_file" >&5

$as\_echo "$as\_me: creating $ac\_file" >&6;}

fi

# Neutralize special characters interpreted by sed in replacement strings.

case $configure\_input in #(

\*\&\* | \*\|\* | \*\\\* )

ac\_sed\_conf\_input=`$as\_echo "$configure\_input" |

sed 's/[\\\\&|]/\\\\&/g'`;; #(

\*) ac\_sed\_conf\_input=$configure\_input;;

esac

case $ac\_tag in

\*:-:\* | \*:-) cat >"$ac\_tmp/stdin" \

|| as\_fn\_error $? "could not create $ac\_file" "$LINENO" 5 ;;

esac

;;

esac

ac\_dir=`$as\_dirname -- "$ac\_file" ||

$as\_expr X"$ac\_file" : 'X\(.\*[^/]\)//\*[^/][^/]\*/\*$' \| \

X"$ac\_file" : 'X\(//\)[^/]' \| \

X"$ac\_file" : 'X\(//\)$' \| \

X"$ac\_file" : 'X\(/\)' \| . 2>/dev/null ||

$as\_echo X"$ac\_file" |

sed '/^X\(.\*[^/]\)\/\/\*[^/][^/]\*\/\*$/{

s//\1/

Продолжение листинга 6

q

}

/^X\(\/\/\)[^/].\*/{

s//\1/

q

}

/^X\(\/\/\)$/{

s//\1/

q

}

/^X\(\/\).\*/{

s//\1/

q

}

s/.\*/./; q'`

as\_dir="$ac\_dir"; as\_fn\_mkdir\_p

ac\_builddir=.

case "$ac\_dir" in

.) ac\_dir\_suffix= ac\_top\_builddir\_sub=. ac\_top\_build\_prefix= ;;

\*)

ac\_dir\_suffix=/`$as\_echo "$ac\_dir" | sed 's|^\.[\\/]||'`

# A ".." for each directory in $ac\_dir\_suffix.

ac\_top\_builddir\_sub=`$as\_echo "$ac\_dir\_suffix" | sed 's|/[^\\/]\*|/..|g;s|/||'`

case $ac\_top\_builddir\_sub in

"") ac\_top\_builddir\_sub=. ac\_top\_build\_prefix= ;;

\*) ac\_top\_build\_prefix=$ac\_top\_builddir\_sub/ ;;

esac ;;

esac

ac\_abs\_top\_builddir=$ac\_pwd

ac\_abs\_builddir=$ac\_pwd$ac\_dir\_suffix

# for backward compatibility:

ac\_top\_builddir=$ac\_top\_build\_prefix

case $srcdir in

.) # We are building in place.

ac\_srcdir=.

ac\_top\_srcdir=$ac\_top\_builddir\_sub

ac\_abs\_top\_srcdir=$ac\_pwd ;;

[\\/]\* | ?:[\\/]\* ) # Absolute name.

ac\_srcdir=$srcdir$ac\_dir\_suffix;

Продолжение листинга 6

ac\_top\_srcdir=$srcdir

ac\_abs\_top\_srcdir=$srcdir ;;

\*) # Relative name.

ac\_srcdir=$ac\_top\_build\_prefix$srcdir$ac\_dir\_suffix

ac\_top\_srcdir=$ac\_top\_build\_prefix$srcdir

ac\_abs\_top\_srcdir=$ac\_pwd/$srcdir ;;

esac

ac\_abs\_srcdir=$ac\_abs\_top\_srcdir$ac\_dir\_suffix

case $ac\_mode in

:F)

#

# CONFIG\_FILE

#

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

# If the template does not know about datarootdir, expand it.

# FIXME: This hack should be removed a few years after 2.60.

ac\_datarootdir\_hack=; ac\_datarootdir\_seen=

ac\_sed\_dataroot='

/datarootdir/ {

p

q

}

/@datadir@/p

/@docdir@/p

/@infodir@/p

/@localedir@/p

/@mandir@/p'

case `eval "sed -n \"\$ac\_sed\_dataroot\" $ac\_file\_inputs"` in

\*datarootdir\*) ac\_datarootdir\_seen=yes;;

\*@datadir@\*|\*@docdir@\*|\*@infodir@\*|\*@localedir@\*|\*@mandir@\*)

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $ac\_file\_inputs seems to ignore the --datarootdir setting" >&5

$as\_echo "$as\_me: WARNING: $ac\_file\_inputs seems to ignore the --datarootdir setting" >&2;}

\_ACEOF

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

Продолжение листинга 6

ac\_datarootdir\_hack='

s&@datadir@&$datadir&g

s&@docdir@&$docdir&g

s&@infodir@&$infodir&g

s&@localedir@&$localedir&g

s&@mandir@&$mandir&g

s&\\\${datarootdir}&$datarootdir&g' ;;

esac

\_ACEOF

# Neutralize VPATH when `$srcdir' = `.'.

# Shell code in configure.ac might set extrasub.

# FIXME: do we really want to maintain this feature?

cat >>$CONFIG\_STATUS <<\_ACEOF || ac\_write\_fail=1

ac\_sed\_extra="$ac\_vpsub

$extrasub

\_ACEOF

cat >>$CONFIG\_STATUS <<\\_ACEOF || ac\_write\_fail=1

:t

/@[a-zA-Z\_][a-zA-Z\_0-9]\*@/!b

s|@configure\_input@|$ac\_sed\_conf\_input|;t t

s&@top\_builddir@&$ac\_top\_builddir\_sub&;t t

s&@top\_build\_prefix@&$ac\_top\_build\_prefix&;t t

s&@srcdir@&$ac\_srcdir&;t t

s&@abs\_srcdir@&$ac\_abs\_srcdir&;t t

s&@top\_srcdir@&$ac\_top\_srcdir&;t t

s&@abs\_top\_srcdir@&$ac\_abs\_top\_srcdir&;t t

s&@builddir@&$ac\_builddir&;t t

s&@abs\_builddir@&$ac\_abs\_builddir&;t t

s&@abs\_top\_builddir@&$ac\_abs\_top\_builddir&;t t

$ac\_datarootdir\_hack

"

eval sed \"\$ac\_sed\_extra\" "$ac\_file\_inputs" | $AWK -f "$ac\_tmp/subs.awk" \

>$ac\_tmp/out || as\_fn\_error $? "could not create $ac\_file" "$LINENO" 5

test -z "$ac\_datarootdir\_hack$ac\_datarootdir\_seen" &&

{ ac\_out=`sed -n '/\${datarootdir}/p' "$ac\_tmp/out"`; test -n "$ac\_out"; } &&

{ ac\_out=`sed -n '/^[ ]\*datarootdir[ ]\*:\*=/p' \

"$ac\_tmp/out"`; test -z "$ac\_out"; } &&

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: $ac\_file contains a reference to the variable \`datarootdir'

Продолжение листинга 6

which seems to be undefined. Please make sure it is defined" >&5

$as\_echo "$as\_me: WARNING: $ac\_file contains a reference to the variable \`datarootdir'

which seems to be undefined. Please make sure it is defined" >&2;}

rm -f "$ac\_tmp/stdin"

case $ac\_file in

-) cat "$ac\_tmp/out" && rm -f "$ac\_tmp/out";;

\*) rm -f "$ac\_file" && mv "$ac\_tmp/out" "$ac\_file";;

esac \

|| as\_fn\_error $? "could not create $ac\_file" "$LINENO" 5

;;

:H)

#

# CONFIG\_HEADER

#

if test x"$ac\_file" != x-; then

{

$as\_echo "/\* $configure\_input \*/" \

&& eval '$AWK -f "$ac\_tmp/defines.awk"' "$ac\_file\_inputs"

} >"$ac\_tmp/config.h" \

|| as\_fn\_error $? "could not create $ac\_file" "$LINENO" 5

if diff "$ac\_file" "$ac\_tmp/config.h" >/dev/null 2>&1; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: $ac\_file is unchanged" >&5

$as\_echo "$as\_me: $ac\_file is unchanged" >&6;}

else

rm -f "$ac\_file"

mv "$ac\_tmp/config.h" "$ac\_file" \

|| as\_fn\_error $? "could not create $ac\_file" "$LINENO" 5

fi

else

$as\_echo "/\* $configure\_input \*/" \

&& eval '$AWK -f "$ac\_tmp/defines.awk"' "$ac\_file\_inputs" \

|| as\_fn\_error $? "could not create -" "$LINENO" 5

fi

;;

esac

done # for ac\_tag

Окончание листинга 6

as\_fn\_exit 0

\_ACEOF

ac\_clean\_files=$ac\_clean\_files\_save

test $ac\_write\_fail = 0 ||

as\_fn\_error $? "write failure creating $CONFIG\_STATUS" "$LINENO" 5

# configure is writing to config.log, and then calls config.status.

# config.status does its own redirection, appending to config.log.

# Unfortunately, on DOS this fails, as config.log is still kept open

# by configure, so config.status won't be able to write to it; its

# output is simply discarded. So we exec the FD to /dev/null,

# effectively closing config.log, so it can be properly (re)opened and

# appended to by config.status. When coming back to configure, we

# need to make the FD available again.

if test "$no\_create" != yes; then

ac\_cs\_success=:

ac\_config\_status\_args=

test "$silent" = yes &&

ac\_config\_status\_args="$ac\_config\_status\_args --quiet"

exec 5>/dev/null

$SHELL $CONFIG\_STATUS $ac\_config\_status\_args || ac\_cs\_success=false

exec 5>>config.log

# Use ||, not &&, to avoid exiting from the if with $? = 1, which

# would make configure fail if this is the last instruction.

$ac\_cs\_success || as\_fn\_exit 1

fi

if test -n "$ac\_unrecognized\_opts" && test "$enable\_option\_checking" != no; then

{ $as\_echo "$as\_me:${as\_lineno-$LINENO}: WARNING: unrecognized options: $ac\_unrecognized\_opts" >&5

$as\_echo "$as\_me: WARNING: unrecognized options: $ac\_unrecognized\_opts" >&2;}

fiCC = gcc

CFLAGS = -std=gnu99

SOURCES = main.c Input.c FileIO.c

all:

$(CC) $(CFLAGS) $(SOURCES) -o start.o

1. Тестовые примеры работы программ

Далее на рисунках приведены тестовые примеры работы программы.

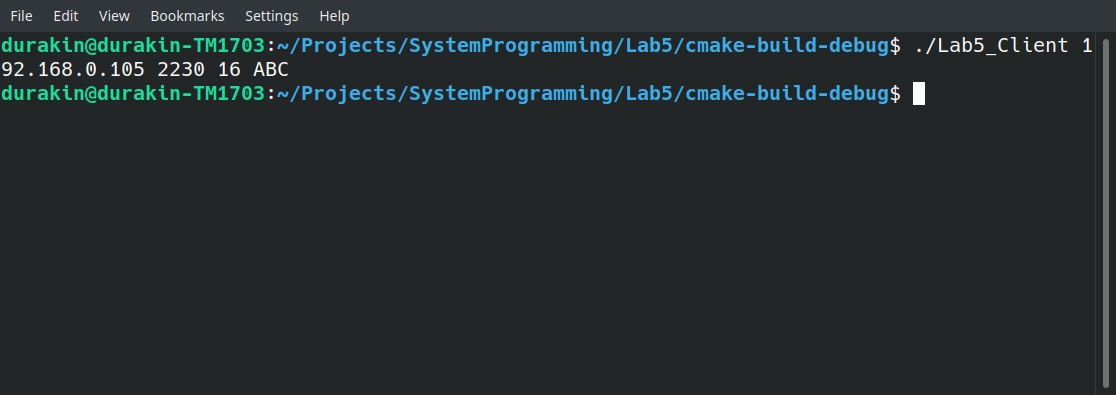


Рисунок 1 – Запуск клиента

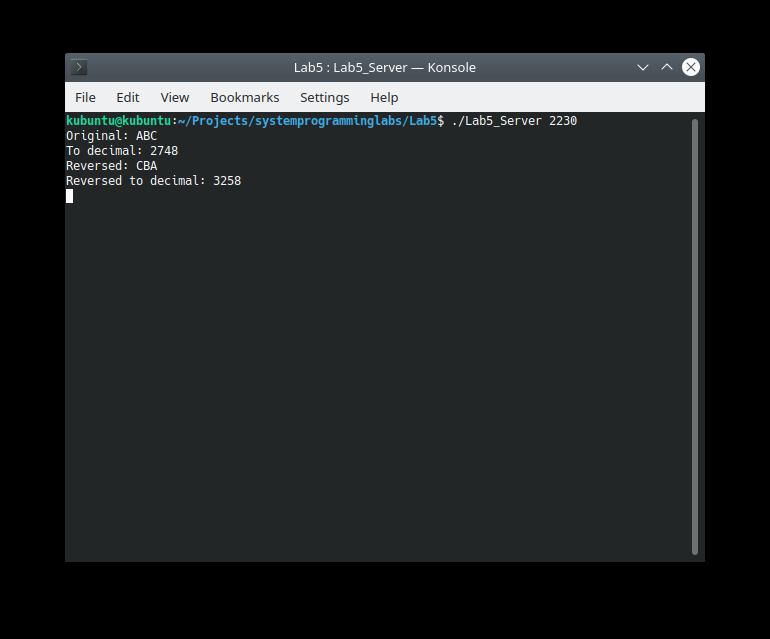


Рисунок 2 – Реакция сервера

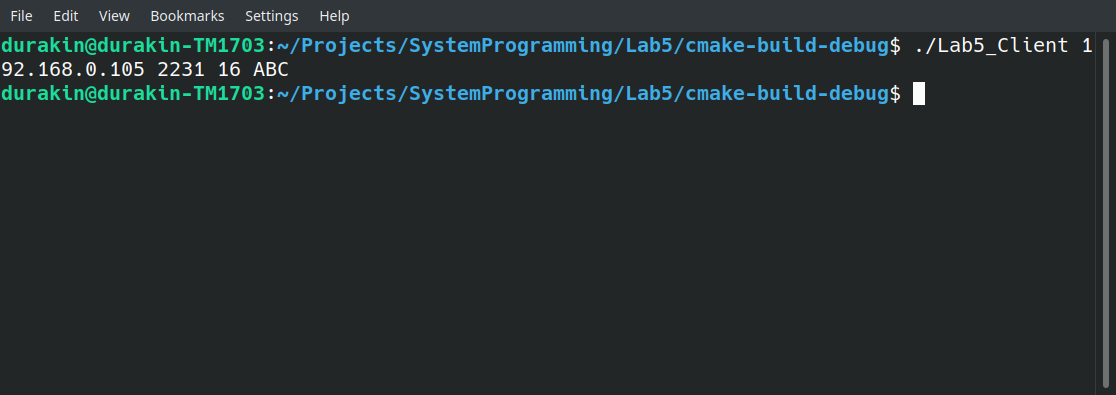


Рисунок 3 – Запуск клиента с неверным портом

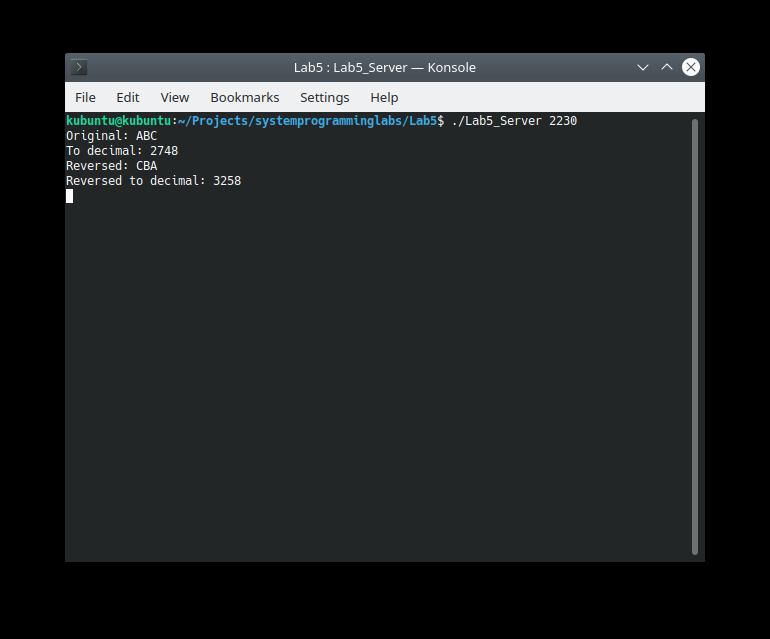


Рисунок 4 – Реакция сервера (отсутствует)

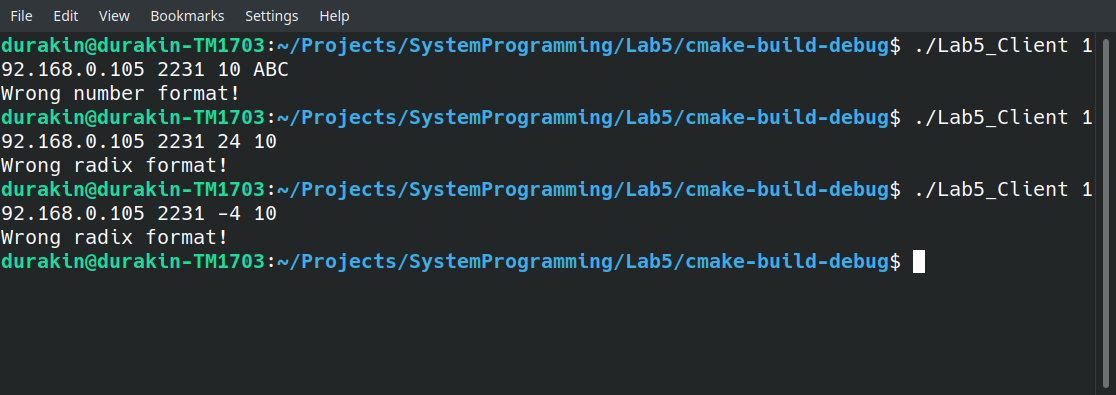


Рисунок 5 – Попытки запуска клиента с неверными параметрами

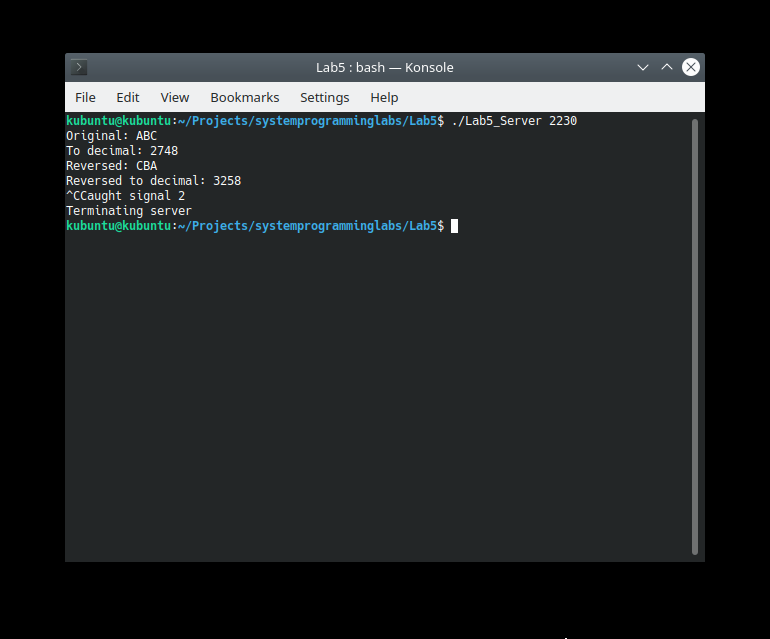


Рисунок 6 – Реакция сервера на ввод Ctrl + C

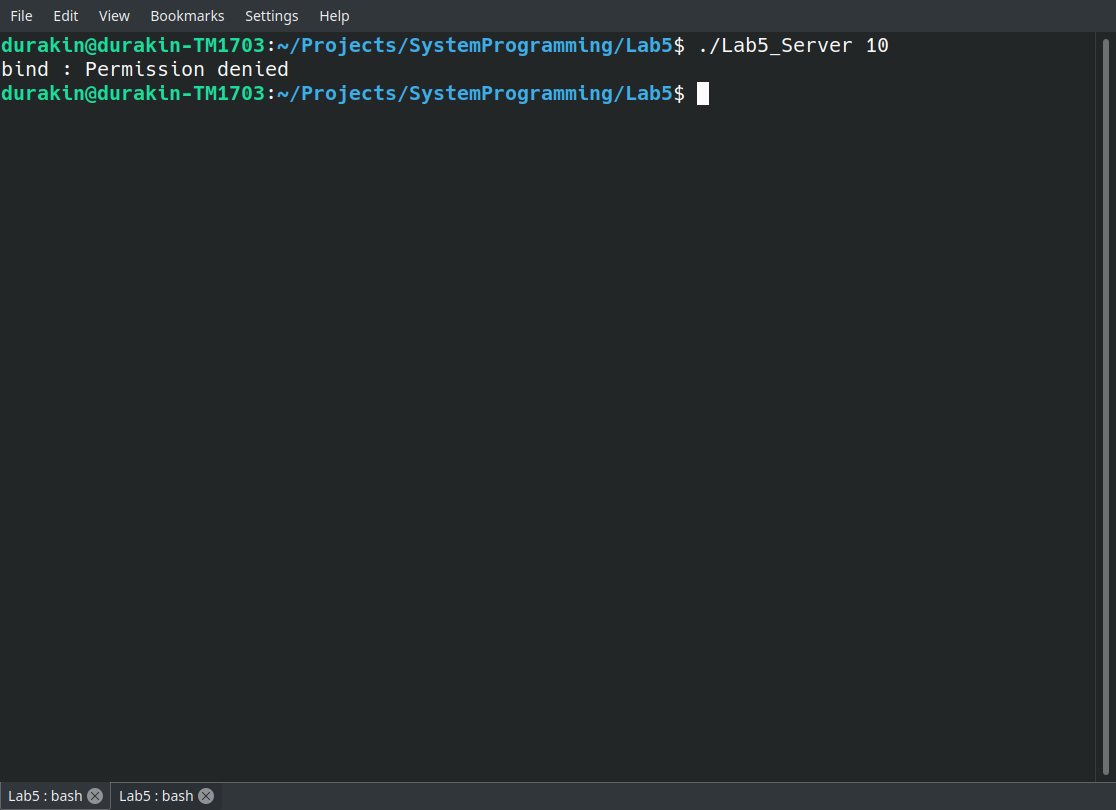


Рисунок 7 – Попытка запуска сервера с указанием “плохого” порта

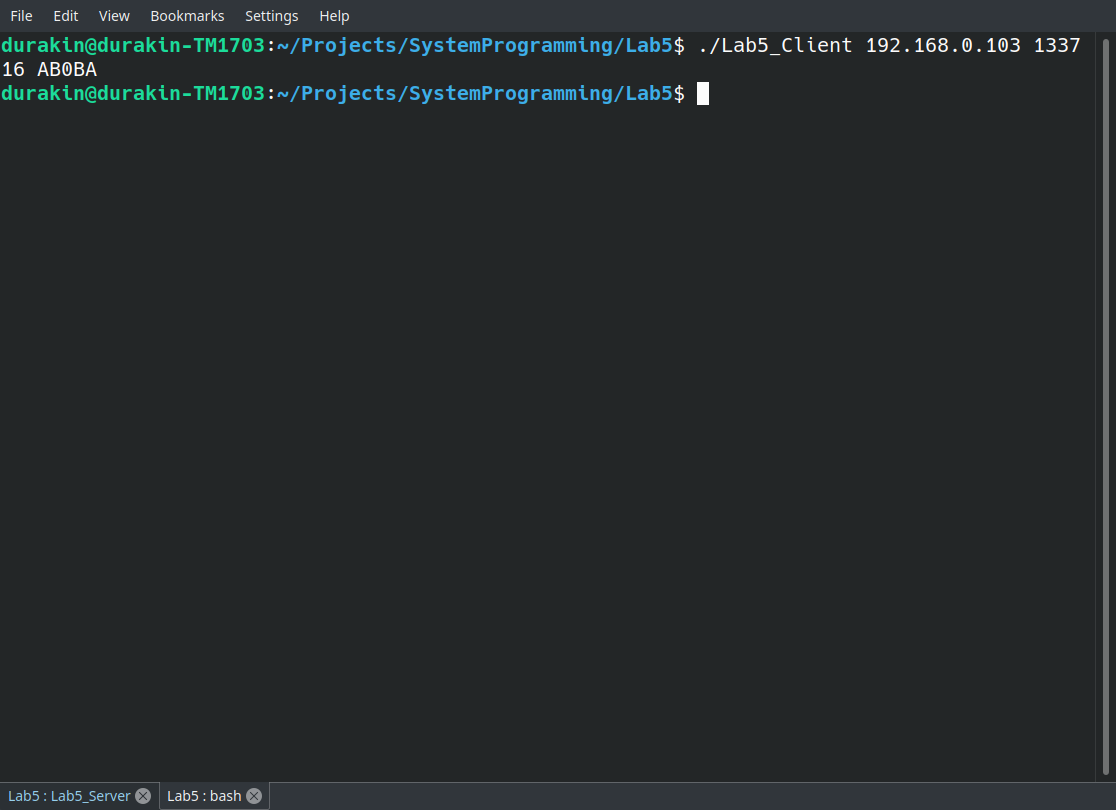


Рисунок 8 – Запуск клиента

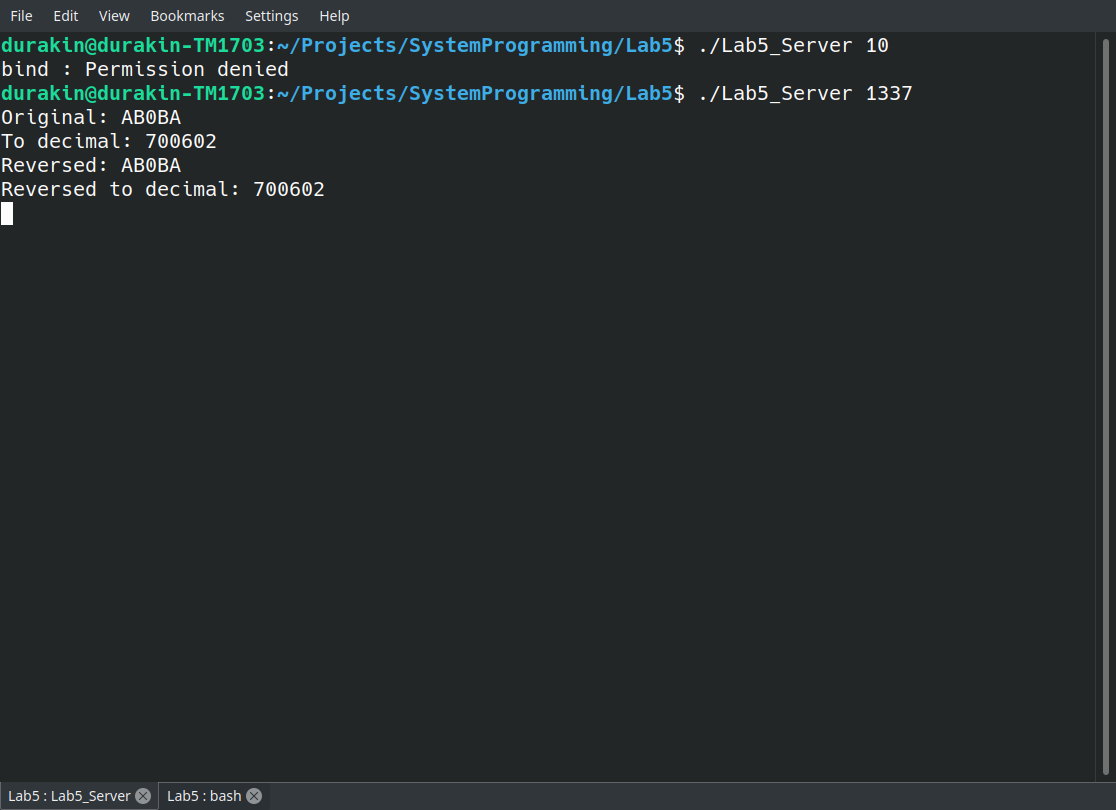


Рисунок 9 – Реакция сервера

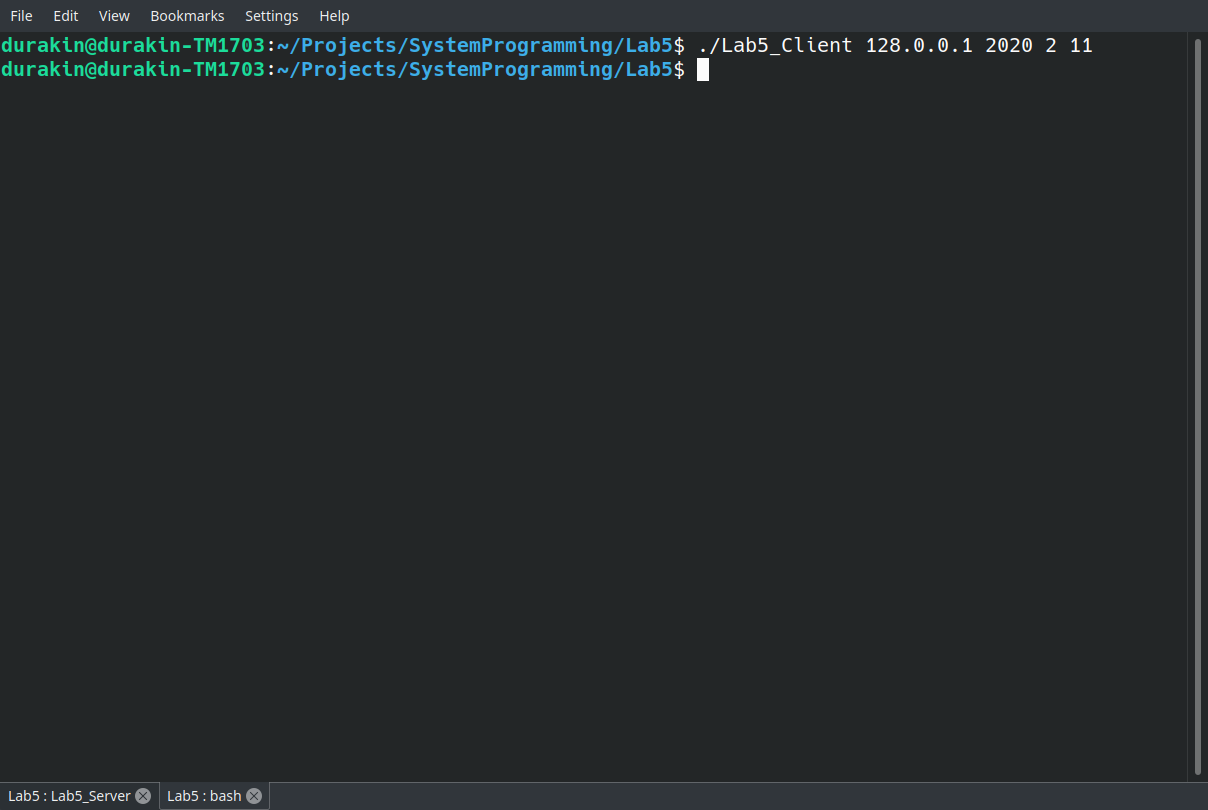


Рисунок 9 – Запуск клиента с передачей неверного IP-адреса сервера

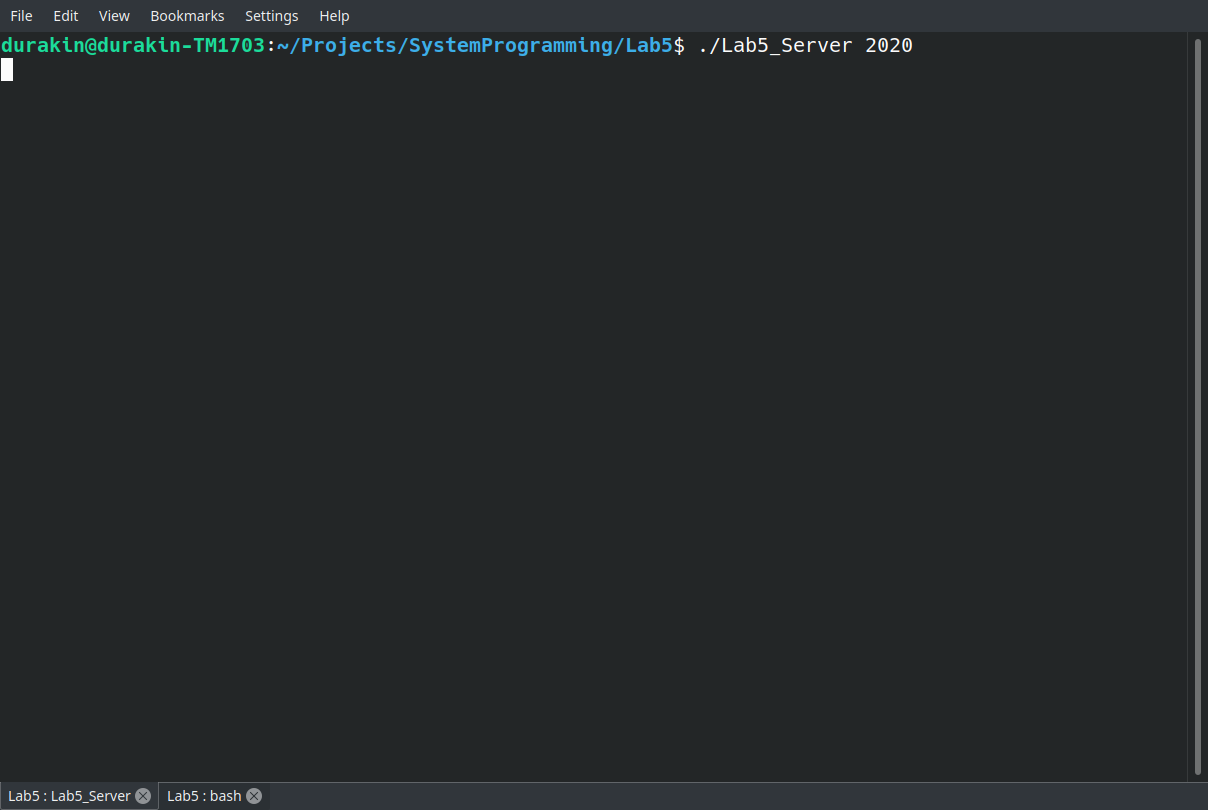


Рисунок 10 – Реакция сервера (отсутствует