NAME

    addusr -- add user to passwd file

SYNOPSIS

    addusr(user,uid,gid,wdir,shell,pwd)
    char *user, *wdir, *shell, *pwd;
    int uid, gid;

DESCRIPTION

    addusr adds a user to the /etc/passwd file based on the following arguments:

        usr   astring pointer to the usr entry name to be added to the /etc/passwd file.

        uid   an integer containing the usr id to be added. If 0, the next uid > 10 is added.

        gid   an integer containing the group id to be added. If -1, then LOCUSR_GID gid is added.

        wdir   a pointer to a string containing the working directory to be added. If null, none is added.

        shell   a string pointer to the shell to be added If null, no shell is added.

        pwd   a pointer to a string containing an encrypted password to be added. If null, no password is added.

    addusr will return the following values in retcode:

        retcode > 0   the user id added.
        retcode = -1   User already exists (not added)
        retcode = -2   System trouble (cannot open passwd file).
        retcode = -3   Illegal user name(colon in name).
        retcode = -4   Uid number is too large (127 is max).

    addusr performs only one search of the passwd file looking for the given user. Also, if uid == 0, then each uid that is encountered is recorded in bitstr. Bitstr is a 128 bit string; each bit, if one, represents an assigned uid in the passwd file and if zero, an unassigned uid in passwd file.

LIBRARY

    /lib/lib1.a

FILES

    /etc/passwd

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