

NAME

updsrc - installation or retrieval of code

SYNOPSIS

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updsrc      [+o,+a,+c,+d,+gv]
            ca=<ca_number(s)>
            na=<resolved_by_name>
            pr=<pr_directory>
            ma=<make_name>
            <file(s)-and/or-au(s)>
```

DESCRIPTION

Updsrc is twofold in nature. First, it is a special routine for Generic Administration (GA) housekeeping of the update packs. It will be used to allow GA to control what code is on the packs. Also, it will provide correlation between all code on the update packs and the associated Change Administrations (CAs). All code to be made on the <make_name> must be submitted via updsrc. All CA(s) to be signed-off for all code in <make_name>, must be submitted via updsrc.

Second, it provides the user with a retrieval of the latest code on the gensrc and update packs to update their local directory.

When invoking updsrc the user has three main options of command line usage:

- 1 - Type the command name alone.
EFFECT: The SYNTAX line will be returned.
- 2 - Type the command name and any one or more of its arguments in any non-specified order.
EFFECT: The user will be prompted for any missing arguments, except for optional arguments denoted in SYNOPSIS section of this IM.
- 3 - Type the command name and all necessary arguments in any non-specified order.
EFFECT: Updsrc will execute according to the specified arguments and will not prompt anything more for the command line.

The command line is totally non-positional. The user may place in any order the four keywords and their associated arguments. The options can be placed in any point of the string of arguments. And filenames and/or au names can be placed anywhere between and/or around the other arguments.

The <pr_directory>, <file(s)-and/or-au(s)> and <make_name> arguments will be checked and the code will be sent to the appropriate update pack via putsrc; or they will be checked



and the code retrieved via getsrc, depending on the options used. Unless the '+g' type option is used, specifying the retrieval option, the default is to update the update pack specified by <make_name>.

The arguments to updsrc are as follows:

OPTION	EFFECT
+o	If <file(s)-and/or-au(s)> exist in the target directory, overwrite them with the new files and inform user. If this option is not set, the routine will prompt the user if the existing files are to be over-written. CAUTION: Do not use this option unless sure of what is being over-written; the over-written source will be gone and may only be retrievable via tape dumps.
+a	If this option is specified, the au file names specified will be opened and the #PROGRAM UNITS and the #DATA UNITS sections will be read. All the source files and header files listed in those sections will be executed upon also.
+c	When this option is used, updsrc will not copy <file(s)-and/or-au(s)> to the specified location, but instead will be used to record any <CA_numbers> for the <make_name> for <file(s)-and/or-au(s)> that the user forgot to input previously when the <file(s)-and/or-au(s)> were first brought over via updsrc.
+d	(Delete option not available at this time.)
+gv	The '+g' or '+gv' options cause updsrc to retrieve the latest copies of the <file(s)-and/or-au(s)> off the gensrc and/or update packs. The code is deposited in your present working directory. The usage of 'v' with the '+g' option turns on the verbose mode. This

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can be very helpful in finding out the status of all the update packs and gensrc concerning where your code resides.

ARGUMENT**DEFINE**

- <file(s)-and-au(s)>** The name or names of source and/or the name or names of au files to be updated. If an au file name and the '+a' option is used, updsrc will not only copy the au files over, but will also read the #PROGRAM UNITS and the #DATA UNITS sections of the au and will copy over all the source and header files listed there. (Note: '*' is allowed in the command line for shell expansion of source file names or au file names in the local directory, but will be rejected if used to expand names when prompting option is used.)
- <pr_directory>** The update pack directory where code is to reside, or currently resides.
- <make_name>** The appropriate generic and issue in which the source is to be made. (i.e. SC7I1, SC6I4, etc.)
- <ca_number(s)>** Multiple CA numbers should be separated by spaces. This argument is not necessary and will not be prompted for: When '+g' type option is used or if <pr_directory> is a new pr as defined by GA.
- <resolved_by_name>** The name of the CA 'RESOLVED BY' person. This argument is not necessary and will not be prompted for: When '+g' type option is used or if <pr_directory> is a new pr as defined by GA.

In terms of putting code on update packs: All elements entered into updsrc will be checked for complete correlation. After the user has answered the all prompts, updsrc returns the user to the UNIX environment and spins off the background check. If there is any problem in updsrc's check of given data, the user will receive mail concerning the

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error. And, if there are no problems, the user still will receive mail confirming the code's acceptance by GA.

In terms of retrieving code: Updsrc will process the request on line.

SEE ALSO
putsrc(3L), getsrc(3L)

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