

8 Link Local CWA Customizations to all Other CWA's

1. This section provides instructions on how to create localizations for other CWA's that will contain your local WarnGen templates, color tables, etc, but applied to cases outside your CWA. In the following example we will customize the BMX localization for the 1998Apr08 Birmingham, AL case in `/data/awips/1998Apr08` using preferences for LOT CWA.
2. The approach to making customized localizations other than your CWA involves linking all relevant local customization files to all the other CWA's before running `mainScript.csh`.
3. Log in as user `fxa`, and choose a case (e.g. 1998Apr08) to localize for (e.g. BMX) a non-local CWA.
4. If you have already made a `customFiles` symbolic link and a `userPrefs` symbolic link in this data case (steps 4, 5, 6, and 7 from Section 6.2) that point to the appropriate directories in `WEScustomization`, then skip steps 5, 6, and 7.

5. Backup your `customFiles`, `procs`, and `userPrefs` directory in your case:

e.g. `cd /data/awips/1998Apr08`

e.g. `mv customFiles customFiles.orig`

e.g. `mv userPrefs userPrefs.orig`

6. Make a `customFiles` symbolic link in your data case that points to the `customFiles` directory in `WEScustomization`; make a `userPrefs` symbolic link in your data case that points to the `userPrefs` directory in `WEScustomization`:

e.g. `ln -s /awips/fxa/WEScustomization/customFiles
/data/awips/1998Apr08/customFiles`

e.g. `ln -s /awips/fxa/WEScustomization/userPrefs
/data/awips/1998Apr08/userPrefs`

7. `cd` to the data case, and list out the contents of the links to ensure the links resolve the appropriate directories and files in `/awips/fxa/WEScustomization`.

e.g. `cd /data/awips/1998Apr08`

e.g. `ls customFiles`

e.g. `ls userPrefs`

8. Copy the `xxx-*` files (e.g. `LOT-*`) in your `customFiles` directory that do not contain local geographic information to the `global-LLL-files` directory:

e.g. `cd /awips/fxa/WEScustomization/customFiles`

e.g. `cp LOT-wwaConfig.template
/awips/fxa/WEScustomization/global-LLL-files`

Note: Do not copy files to this directory that have geographic information unique to your CWA like `xxx-radarsInUse.txt`, `xxx-radarsOnMenu.txt`, `xxx-mainConfig.txt`, `xxx-dialRadars.txt`, and `xxx-mosaicInfo.txt`. Try doing a `more` command on each `xxx-*` file and watch for local radar information or local/surrounding CWA information to check for files not to copy. See Appendix A for an example of the file list in `global-LLL-files`.

Note: Any files in `customFiles` without the `XXX-` prefix will be utilized in the new localization directly from the `customFiles` directory.

9. Check the `customFiles` directory for files without an `XXX-` prefix that contain local geographic information unique to your CWA like `radarsInUse.txt`, `radarsOnMenu.txt`, `mainConfig.txt`, `dialRadars.txt`, and `mosaicInfo.txt`. If you find such files in this directory, then rename them to make sure they don't get seen in the localization. This can be done by naming the files with an `XXX-` prefix for your local CWA (e.g. `mv dialRadars.txt LOT-dialRadars.txt` if you are creating a `BMX` localization). See Appendix A for an example of the file list in `customFiles`.
10. `cd /awips/fxa/WEScustomization/XXX` where `XXX` is your localization ID (e.g. `LOT`).
11. Copy any `xxx-*` files and generic files (no `XXX-` prefix) that do not contain local geographic information to your `/awips/fxa/WEScustomization/global-LLL-files` directory.

e.g. `cp LOT-wwaConfig.template
/awips/fxa/WEScustomization/global-LLL-files`

Note: Do not copy files to this directory that have geographic information unique to your CWA like `dialRadars.txt`, `xxx-dialRadars.txt`, `xxx-radarsInUse.txt`, `xxx-radarsOnMenu.txt`, `xxx-mainConfig.txt`, `xxx-mosaicInfo.txt`, etc. Try doing a `more` command on each `xxx-*` file

and watch for local radar information or local/surrounding CWA information to check for files not to copy. See Appendix A for an example of the file list in `global-LLL-files` and in the `/awips/fxa/WEScustomization/XXX` directory.

12. Run `/awips/fxa/WEScustomization/scripts/linkLLLfiles.csh` to put symbolic links in every `/awips/fxa/data/localization/LLL` directory that point to each file in `/awips/fxa/WEScustomizations/global-LLL-files`.

Note: When you want to make changes to `global-LLL-files`, modify the files in the `global-LLL-files` directory, and run the `unlinkLLLfiles.csh` script followed by `linkLLLfiles.csh`.

13. If you have generic directives (e.g. `@@@RADAR_Z 1000`) in your `XXX-mainConfig.txt` file you will need to create a new file in step 15 that will be accessed for localizing other CWA's (this is not a bad thing).

14. Copy your `XXX-mainConfig.txt` file from `/awips/fxa/WEScustomization/XXX` to the file `/awips/fxa/WEScustomization/mainConfig/genericmainConfig.txt`.

e.g. `cp /awips/fxa/WEScustomization/LOT/LOT-mainConfig.txt /awips/fxa/WEScustomization/mainConfig/genericmainConfig.txt`

15. Remove any local geographic directives from the `genericmainConfig.txt` file, leaving only generic directives (e.g. leave only entries like `"@@@RADAR_Z 1000"` in the `genericmainConfig.txt` file). Do not add entries if they do not exist in your original files. See Appendix A for an example of the `genericmainConfig.txt` file.

16. Run `/awips/fxa/WEScustomization/scripts/modifymainConfig.csh` to create a new `XXX-mainConfig.txt` file in each pre-localization directory in `/awips/fxa/data/localization`.

Note: If in the future you want to return the `XXX-mainConfig.txt` files to the original in each of the pre-localization directories, run the `unmodifymainConfig.csh` program in the same directory.

17. Section 9 will cover how to make the customizations in Section 8 take effect.