

Operators

- = late evaluation (expand variable when used)
- := immediately expand
- += append (with space)
- =+ prepend (with space)
- .= append (without space)
- =. prepend (without space)
- ?= assign if no other value was assigned
- ??= assign if no other value was assigned (lower priority than mentioned above)

Rethink usage of += and similar in local.conf. Example:

- If += is parsed before ?=, the latter will be omitted.
- **Solution:** use _append to unconditionally appends a value (but add space before value).

SRC_URI_append

When multiple .bbappends adds patches, order of patching is wrong.

poky/meta/classes/patch.bbclass

```
def src_patches(d, all=False, expand=True):
    import oe.patch
    return oe.patch.src_patches(d, all, expand)
```

poky/meta/lib/oe/patch.py

```
def src_patches(d, all=False, expand=True):
    fetch = bb.fetch2.Fetch([], d)
    patches = []
    sources = []
    for url in fetch.urls:
        local = patch_path(url, fetch, workdir, expand)
        if not local:
            if all:
                local = fetch.localpath(url)
                sources.append(local)
            continue
        ...
        localurl = bb.fetch.encodeurl(('file', '', local, '', '',
patchparm))
        patches.append(localurl)

    if all:
        return sources
```

return patches

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