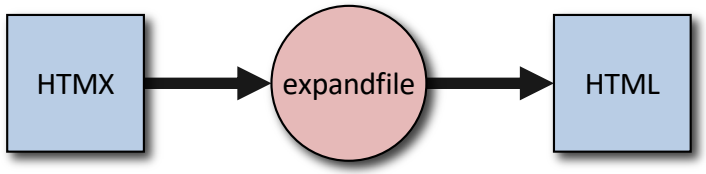
HTMX language

HTMX is an HTML extension language.

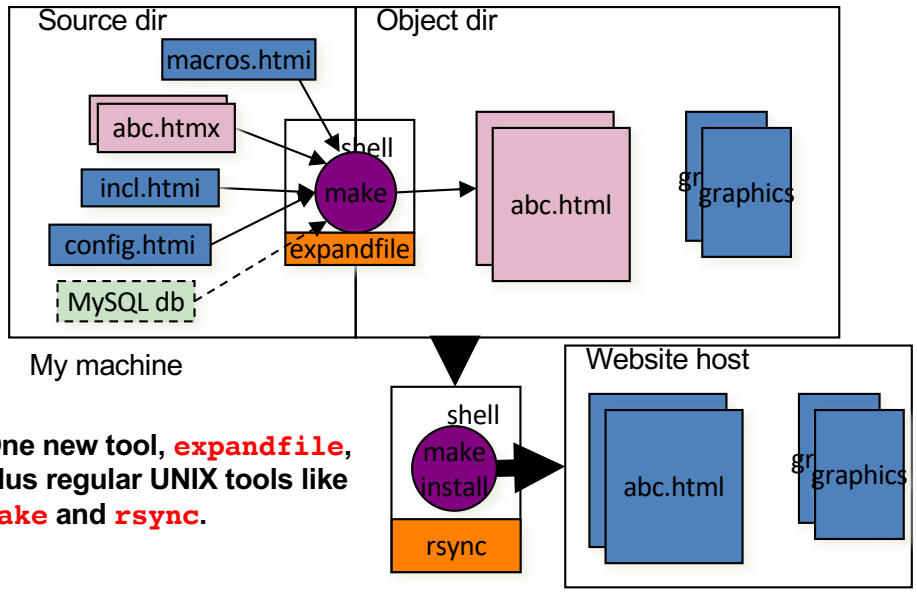


expandfile statically generates HTML files from HTMX source.

HTMX looks like HTML, with extensions.

In HTMX source, contents of %[...]% are expanded; everything else is just copied.

the way I use it



One new tool, expandfile, plus regular UNIX tools like make and rsync.

EXPANSIONS

```
%[xyx]%                 value of variable xyx.
%[*set,&xyx,=5]%        set variable xyx's value.
%[*include,=hd.htmi]%   include file hd.htmi.
%[*callv,mac3,="fr"]%   call macro mac3.
%[** comment]%          comment.
%[*increment,&x,=2]%    arithmetic.
%[*if,eq,x,=5,*callv,mac2]% conditional.
%[*subst,&x,lft,rgt]%   Perl string substitution.
%[*expandv,&y,vx]%      Expand vx, put value in y.
%[*fwrite,=file,vx]%    Write value in vx to file.
%[*sqlloop,&rs,tp,q]%   Expand block tp for every
                        MySQL row returned by
                        query q, result in rs.
```

(+ 26 more)

OTHER FEATURES

- **Nested expansions.**
- **Quoting and escaping.**
- **Built-in values like date.**
- **Configuration file supplies initial values.**
- **Shell environment variables accessible.**
- **Blocks serve as macros and templates.**
- **External (shell) program execution.**
- **Loops over CSV and XML files.**
- **Loops over space separated lists.**
- **Loops over directory contents.**