

NAME

mst-ots-build – MST specific ots-build wrapper

SYNTAX

```
# load library
if ots_build=$(pkg-config --libs mst-ots-build); then
    . $ots_build
else
    echo >&2 "unable to load mst-ots-build library"
    exit 1
fi

# override some default variables
otsb_set var1 val1
otsb_set var2 val2

# initialize the library
otsb_init

# parse the command line
otsb_options "$@"

# create default build variables
otsb_set_build_variables

otsb_run_req_cmds
```

DESCRIPTION

This is a wrapper around **ots-build** to customize it for the MST environment. Instead of sourcing the **ots-build** script, source the **mst-ots-build** script. Then follow the instructions for **ots-build**.

What is changed

The following changes are made to the standard **ots-build** functionality:

- All of the **sysarch** environment variables are available
- Additional options are available:
 - ots-root**
It defaults to `${MST_ROOT}/ots`. if `$MST_ROOT` is not set, it is set to `/proj/axaf`.
 - ots-pkgs**
It defaults to `${ots_root}/pkgs`
 - sysplat**
It defaults to the **sysarch** `platform_os_generic` variable. (Historically this was the `$platform` variable, but this clashes with the **sysarch** `$platform` variable.
 - make**
The name of the **make** command. On Solaris this defaults to **gmake**; everywhere else it's **make**. The result is also made available in the `MAKE` shell variable.
 - tar**
The name of the **tar** command. On Solaris this defaults to **gtar**; everywhere else it's **tar**. The result is also made available in the `TAR` shell variable.
 - config-opts**
This is an array which can be used to provide additional configuration options.
- The prefix option defaults to `$ots_root/$package`

- The `exec-prefix` option defaults to `$prefix/$sysplat`
- Additional build variables

`ots_prefix`

Defaults to `$ots_root`.

`ots_exec_prefix`

Defaults to `${ots_prefix}/${sysplat}`

`pkg_config_dir`

Where the **pkg-config** specification files are stored.

COPYRIGHT AND LICENSE

AUTHOR

Diab Jerius <djerius@cfa.harvard.edu>