
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>