

# Build and Run Guide: Boundary Consultant Claude Package

## Prerequisites

- OCaml compiler (tested with 4.14+)
- ocamlfind (opam install ocamlfind or apt install ocaml-findlib)

## Build

From the `bcc/` directory:

```
./build_local.sh
```

Or manually:

```
ocamlfind ocamlc -package unix -c boundary_transport_build.ml
ocamlfind ocamlc -package unix -c -I . demo.ml
ocamlfind ocamlc -package unix -c -I . ai_lab_audit.ml
```

```
ocamlfind ocamlc -package unix -linkpkg boundary_transport_build.cmo demo.cmo -o boundary_demo
ocamlfind ocamlc -package unix -linkpkg boundary_transport_build.cmo ai_lab_audit.cmo -o audit_ai_labs
```

## Run and capture outputs

```
./boundary_demo > demo_out.txt
echo "demo exit code = $?"
tail -n 20 demo_out.txt
```

```
./audit_ai_labs > audit_out.txt
echo "audit exit code = $?"
tail -n 20 audit_out.txt
```

## Notes

A compiler warning about an unused variable is not a build failure. If both executables run and exit with code 0, the build and run are successful.