# Omf MultiOberon/OFront Quick-Start

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## MultiOberon/OFront compiler.

Omf is the instance of MultiOberon compiler with OFront backend. Based on Josef Templ's OFront.

## Contents:

## 1      Installation   Up
1. Preconditions.
        Omf doesn't use any other services.

2. Unpack all files via [Tools][Decode]:

3. Compile the following modules:
 DevCompiler.CompileThis OmcTarget OmcCRuntime OmcHooks OmcDialog OmcOPM OmcOPT OmcOPU OmcOPB OmcOPS OmcOPP OmcDump OmcParams OmcOdcSource OmcTxtSource OmcRuntimeStd OmcDialogStd OmcDialogConsole OmcCompiler OmcHostDialog OmcConsole OmcShell OmfOPG OmfOPC OmfOPV OmfBackEnd OmfCompiler OmfSh

## 2      Compiling Examples      Up
2.1. Compiling examples for 32-bit
 OmfCompiler.CompileThis +HostConLog OmtestHelloWorld: OmtestFormats: OmtestDateTime: OmtestMkTraps: OmtestHeap:
Expected result in ~/Omtest/Cfwe/ directory: OmtestHelloWorld.c OmtestFormats.c OmtestDateTime.c OmtestMkTraps.c OmtestHeap.c

2.2. Compiling examples for 64-bit
 OmfCompiler.CompileThis -bits 64 +HostConLog OmtestHelloWorld: OmtestFormats: OmtestDateTime: OmtestMkTraps: OmtestHeap:
Expected result in ~/Omtest/Cfwr/ directory: OmtestHelloWorld.c OmtestFormats.c OmtestDateTime.c OmtestMkTraps.c OmtestHeap.c

## 3      Preparing Shell Executive        Up
Creating Omf Shell executive
 DevLinker.LinkExe dos "Bfwe/OmfSh.exe" :=
Kernel$+ Files Log Math Strings OStrings OLog Dates Dialog Stores Sequencers Models Services Fonts Meta Converters Ports Views Controllers Properties Mechanisms Containers Printers Printing HostFiles OmcHostDialog Documents TextModels TextRulers TextSetters TextViews HostConLog Runner Cfgfile OmcTarget OmcCRuntime OmcHooks OmcDialog OmcOPM OmcOPT OmcOPB OmcOPU OmcOPS OmcOPP OmcDump OmcParams OmcOdcSource OmcRuntimeStd OmcDialogConsole OmcConsole OmcShell OmfOPG OmfOPC OmfOPV OmfBackEnd OmfSh

## 4      Console Compiling Examples   Up

OmfSh.exe compile provides a console compiler for .odc files and text files *.mod. Option -odc is used for odc-format source.

4.1. Compiling examples in 32-bit OmfSh (~/Bfwe/OmfSh.exe compile) modules from Omtest/Cfwe

```
Bfwe\OmfSh compile -odc OmtestHelloWorld OmtestFormats OmtestDateTime
OmtestMkTraps OmtestHeap
```

4.2. Compiling text .mod examples in 32-bit OmfSh (~/Bfwe/OmfSh.exe compile) modules from Omtest/Cfwe

```
Bfwe\OmfSh compile OmtestHelloWorld OmtestFormats OmtestDateTime OmtestMkTraps
OmtestHeap
```

<u>Expected</u> result in ~/Omtest/Cfwe/ directory: OmtestHelloWorld.c OmtestFormats.c OmtestDateTime.c OmtestMkTraps.c OmtestHeap.c

4.3. Compiling examples in 64-bit OmfSh (~/Bfwr/OmfSh.exe compile) modules from Omtest/Cfwr

```
Bfwe\OmfSh compile -odc OmtestHelloWorld OmtestFormats OmtestDateTime
OmtestMkTraps OmtestHeap
```

4.4. Compiling text .mod examples in 64-bit OmfSh (~/Bfwr/OmfSh.exe compile) modules from Omtest/Cfwr

```
Bfwe\OmfSh compile OmtestHelloWorld OmtestFormats OmtestDateTime OmtestMkTraps
OmtestHeap
```

<u>Expected</u> result in ~/Omtest/Cfwr/ directory: OmtestHelloWorld.c OmtestFormats.c OmtestDateTime.c OmtestMkTraps.c OmtestHeap.c

## 5     Making binary executives from C-sources    Up

5.1 Preconditions

## 3     Self-Compiling Shell     Up

To be developed later

## 4     Unloading Omf Compiler Up

DevDebug.UnloadThis OmfCompiler OmfBackEnd OmfOPV OmfOPC OmfOPG OmcCompiler OmcDialogStd OmcRuntimeStd OmcLogStd OmcOdcSource OmcParams OmcDump OmcOPP OmcOPS OmcOPU OmcOPB OmcOPT OmcOPM OmcDialog OmcHooks OmcCRuntime OmcTarget

## 5     Change log   Up

may 2019 original MultiOberon pre-version 0.8 released

## 6     Reference     Up

1.

Use it and enjoy! - ŬЪsalos y disfrŭtalos! - Bonne utilisation - Приятного использования - Powodzenia - Viel SpaЯ

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