

# GWT Support

## GWT Support

The language `jetbrains.mps.gwt.client` provides basic support for creating and editing of GWT [Module XML](#) files. Module manifests are represented as root nodes interlinked with source code and other manifests, including ones from `.jar` files. The jar files for `gwt-dev.jar` and `gwt-user.jar` are included with the language.

Supported GWT SDK versions are 2.0 onward.

## GWT Module root

Supported elements. Please refer to [GWT SDK documentation](#) for details.

### inherits

Specify the module to inherit settings from. In order to inherit from a GWT module contained in another model, that model must be imported first.

```
GWT module test {  
  inherits com.google.gwt.core.Core  
  inherits com.google.gwt.user.User  
}
```

### entry-point

Specify a class that will be used as the entry point. Must implement `com.google.gwt.core.client.EntryPoint`.

```
entry-point Sample
```

## Filtering paths

The following three elements support following features, analogous to GWT module XML file's elements.

- `excludes` and `includes` parameters
- `casesensitive` parameter
- `defaultexcludes` parameter
- `include` and `exclude` sub-elements

If no path is explicitly specified, the current model is assumed.

```
source model {  
}
```

### public

Define a path with public resources.

```
public path = " resources " {  
}
```

source

Define a source path (package).

```
source model casesensitive = false {  
  exclude " **/internal* "  
}
```

super-source

Define a source path stripping off the prefix.

```
super-source path = " java.util " {  
}
```

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