

DSL Capability Guide

1. Overview

The Actor DSL provides expressive constructs for defining actors, message handlers, and pattern matching.

2. Basic Handler

```
onMessage { msg, ctx -> ... }
```

Also supports single-argument form.

3. react

Alias of onMessage for GPars-style syntax.

4. Pattern Matching

```
when(Class) { msg, ctx -> ... }
```

```
when(predicate) { msg, ctx -> ... }
```

5. Default Fallback

```
otherwise { msg, ctx -> ... }
```

6. Mixing DSL Styles

All handler types may be combined.

7. Actor State

state key: value

ctx.state.key for access.

8. Example:

```
actor {  
  name "router"  
  state count: 0  
  when(String) { msg -> ... }  
  otherwise { ... }  
}
```