

# Build Process Template

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## 1 Build Process Guidelines

### i Template Usage

1. Define build tools and versions
2. Document pipeline stages
3. Configure environment settings

### 1.1 Build Tools

```
primary_tool: "[TOOL_NAME]"
version: "[VERSION]"
plugins:
  - name: "[PLUGIN]"
    version: "[VERSION]"
    purpose: "[DESCRIPTION]"
```

### 1.2 Pipeline Stages

```
graph LR
  A[Checkout] --> B[Dependencies]
  B --> C[Build]
  C --> D[Test]
  D --> E[Package]
  E --> F[Deploy]
```

## 1.3 Environment Configuration

| Environ-<br>ment | Build<br>Flags | Optimi-<br>zation | Source<br>Maps                   |
|------------------|----------------|-------------------|----------------------------------|
| Deve-<br>lopment | [FLAGS]        | [LEVEL]           | [EN-<br>ABLED/<br>DISA-<br>BLED] |
| Staging          | [FLAGS]        | [LEVEL]           | [EN-<br>ABLED/<br>DISA-<br>BLED] |
| Produc-<br>tion  | [FLAGS]        | [LEVEL]           | [EN-<br>ABLED/<br>DISA-<br>BLED] |

### 1.4 Template Validation

- ☐ Build tools specified
- ☐ Pipeline configured
- ☐ Environments setup
- ☐ Team review completed