

## Περιεχόμενα

<b>1</b>	<b>syntax highlighting</b>	<b>2</b>
1.1	black theme . . . . .	2
1.2	light theme . . . . .	2
<b>2</b>	<b>plain text displayed as is</b>	<b>3</b>

# 1 syntax highlighting

## 1.1 black theme

```
const domainAndApplicationErrorDeclaration = (children: any[]): any => {
  const domainErrorIdentifier = children[1].value;
  let domainErrorArgs: any;
  let domainErrorProperties: any;
  for (let i = 0; i < children.length; i++) {
    if (children[i].type === 'formalParameterList') {
      domainErrorArgs = getBitloopsModel(children[i]);
    }
    if (children[i].type === 'objectLiteral') {
      domainErrorProperties = objectLiteral(children[i].children);
    }
  }
  if (Object.keys(domainErrorProperties).length !== 2) {
    throw new TypeError('Domain error: only message and errorId are allowed');
  }
  if (!domainErrorProperties.message) {
    throw new TypeError('Domain error: must have message property');
  }
  if (!domainErrorProperties.errorId) {
    throw new TypeError('Domain error: must have errorId property');
  }
  const { message, errorId } = domainErrorProperties;
  return {
    key: domainErrorIdentifier,
    subModel: {
      message: { [message.type]: message.value },
      errorId: { [errorId.type]: errorId.value },
      parameters: domainErrorArgs,
    },
  };
};
```

## 1.2 light theme

---

**Feature:** domainError

**Scenario:** domainError is valid

**Given** A valid domain error string <blString>

**When** I generate the model

**Then** I should get the right model

---

**Examples:**

```
|                               blString                               |  
| DomainError InvalidName (name : string) { message: 'is an invalid name',  
|   errorId: 'e5a0bd82-8ef7-4b1a-ab67-cb83d1d7772fe', } |
```

**Scenario:** domainError is invalid

**Given** An invalid domain error string <blString>

**When** I generate the model

**Then** I should get an error

**Examples:**

```
|                               blString                               |  
| DomainError InvalidName (name: string, hmm: number) {} |  
| DomainError InvalidName (name: string, hmm: number) {message: 'hello'} |
```

---

## 2 plain text displayed as is

```
iteration : 1 f( X_n+1 ) = 30.78977557 t = 1  
iteration : 2 f( X_n+1 ) = 118.00537879 t = 0.5  
iteration : 3 f( X_n+1 ) = 43.37396467 t = 0.25  
iteration : 4 f( X_n+1 ) = 32.13605707 t = 0.125  
final step size :  
0.125
```