

```
-- file ErrorDefs.Mesa
-- last modified by Satterthwaite, July 14, 1978 3:36 PM
```

## DIRECTORY

```
SymDefs: FROM "symdefs",
TreeDefs: FROM "treedefs";
```

```
ErrorDefs: DEFINITIONS =
```

```
BEGIN
```

```
OPEN SymDefs;
```

```
ErrorCode: TYPE = {
```

```
-- general purpose errors (no parameters)
```

```
compilerError,
unimplemented,
other,
```

```
-- errors with no parameters
```

```
bodyEntries,
bodyType,
catchLabel,
descriptor,
elision,
exit,
fieldSize,
illDefinedReturn,
inlineType,
interfaceEntries,
keys,
long,
misplacedCatch,
misplacedEntry,
misplacedMonitorRef,
misplacedResume,
misplacedReturn,
misplacedStop,
missingBinding,
noAccess,
nonOrderedType,
nonTypeCons,
nonVoidStmt,
instLength,
relative,
staticNesting,
stringLength,
subrangeBounds,
subrangeNesting,
voidExpr,
```

```
-- errors mapping hash to sei parameters
```

```
unknownId,
unknownField,
```

```
-- errors with hash parameters
```

```
ambiguousId,
duplicateId,
unknownTag,
duplicateTag,
unknownVariant,
unknownKey,
duplicateKey,
omittedKey,
openId,
fileName,
fileVersion,
moduleId,
```

```
-- errors with sei parameters
```

```
addressOverflow,
circularType,
circularValue,
forwardRef,
internalCall,
missingBase,
missingLock,
```

```
nonDefinition,
nonTagType,
nonTypeId,
notImported,
recordGap,
typeLength,
varExport,

-- errors with tree parameters
controlId,
duplicateLabel,
exportClash,
mixedRepresentation,
noApplication,
nonAddressable,
nonConstant,
nonLHS,
nonVariantLabel,
noTarget,
notPortable,
noVariants,
relationType,
sizeClash,
spuriousBinding,
typeClash,
unknownLabel,

-- errors with numeric parameters
listShort,
listLong,

-- warnings with no parameters
attrClash,
pointerInit,

-- warnings with sei parameters
privateExport,
unusedExport,
unusedId,
unusedImport,

-- warnings with tree parameters
unsignedCompare
};

error: PROCEDURE [code: ErrorCode];
errorhti: PROCEDURE [code: ErrorCode, hti: HTIndex];
errorsei: PROCEDURE [code: ErrorCode, sei: ISEIndex];
errormap: PROCEDURE [code: ErrorCode, hti: HTIndex] RETURNS [ISEIndex];
errortree: PROCEDURE [code: ErrorCode, t: TreeDefs.TreeLink];
errorstring: PROCEDURE [code: ErrorCode, s: STRING];
errorn: PROCEDURE [code: ErrorCode, n: INTEGER];

Warning: PROCEDURE [code: ErrorCode];
WarningSei: PROCEDURE [code: ErrorCode, sei: ISEIndex];
WarningTree: PROCEDURE [code: ErrorCode, t: TreeDefs.TreeLink];

END.
```