missingof() — Appropriate missing value

### Description

missingof(\( A \)) returns a missing of the same element type as \( A \):

- if \( A \) is real, a real missing is returned;
- if \( A \) is complex, a complex missing is returned;
- if \( A \) is pointer, NULL is returned;
- if \( A \) is string, "" is returned.

### Syntax

```
transmorphic scalar missingof(transmorphic matrix A)
```

### Remarks and examples

missingof() is useful when creating empty matrices of the same type as another matrix; for example,

```
newmat = J(rows(x), cols(x), missingof(x))
```

### Conformability

```
missingof(A)
```

\( A: r \times c \)

\( result: 1 \times 1 \)

### Diagnostics

None.

### Also see

[M-4] Utility — Matrix utility functions