



```
sub try (&@) {
my ( $try, @code_refs ) = @_;
```

```
# we need to die here, the eval block will be in scalar context due
```

```
# to $failed
my $wantarray = wantarray;
```

```
my ( $catch @finally );
```

```
# find labels for arguments
# catch and find the blocks by
foreach my $code_ref ( @code_refs ) {
next unless $code_ref->can('isa');
my $ref = $code_ref->isa('Code::Block');
if ( $ref->is('Code::Block') ) {
$catch = $code_ref;
} elsif ( $code_ref->is('Code::Block') ) {
push @finally, $code_ref;
} else {
use Carp;
confess("Unexpected argument: " . $code_ref->isa());
}
}
# save the value of $@ so we can restore it in the
eval
my $prev_error = $@;
my ( @ret, $error ) = eval {
# FIXME consider using $SIG{__DIE__} to accumulate all errors. It's
# not perfect, but we could provide a way to catch fatal errors for
# $catch->();
}
# localize $@ to prevent clobbering of its value by a successful
# eval.
local $@;
```

```
my $ref =
```

```
if ( $ref->is('Code::Block') ) {
```

```
$catch =
```

```
} elsif (
```

```
push @final
```

```
} else {
```

```
use Carp;
```

```
confess("Un
```

```
");
```

```
}
```

```
}
```

```
# save the value of $@ so we can restore it in the
```

```
eval
```

```
my $prev_error = $@;
```

```
my ( @ret, $error ) = eval {
```

```
# FIXME consider using $SIG{__DIE__} to accumulate all errors. It's
```

```
# not perfect, but we could provide a way to catch fatal errors for
```

```
# $catch->();
```

```
}
```

```
{
```

```
# localize $@ to prevent clobbering of its value by a successful
```

```
# eval.
```

```
local $@;
```

```
# failed will be true if the eval dies, because 1 will not be returned
```

```
# from the eval body
```

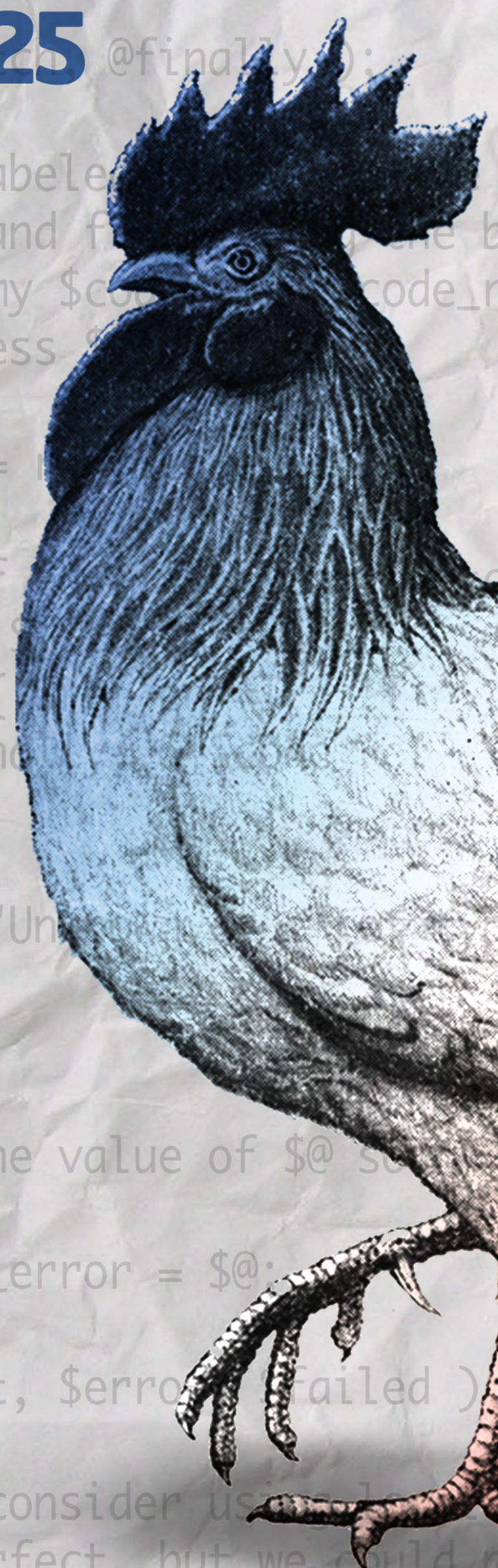
```
$failed = not eval {
```

```
}
```

```
}
```

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