

CONDITION COVERAGE TESTING

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What is Condition Coverage Testing?

Condition coverage is also known as Predicate Coverage in which each one of the Boolean expression have been evaluated to both TRUE and FALSE.

Example

```
if ((A || B) && C)
{
    << Few Statements >>
}
else
{
    << Few Statements >>
}
```

Result

In order to ensure complete Condition coverage criteria for the above example, A, B and C should be evaluated at least once against "true" and "false".

So, in our example, the 3 following tests would be sufficient for 100% Condition coverage testing.

A = true	B = not eval	C = false
A = false	B = true	C = true
A = false	B = false	C = not eval