

# Test Type Template

## [Test Technique Name Here]

Put a 2-3 sentence overview about the test technique here.

## When To Use

### Problem Addressed

Describing the problem that this test type addresses, this should focus on the motivation behind the test type/technique to help the reader correlate this technique to their problem.

### When to Avoid

Describe when NOT to use, if applicable.

### ROI Tipping Point

How much is enough? For example, some opine that unit test ROI drops significantly at 80% block coverage and when the codebase is well-exercised by real traffic in production.

### Applicable to

- ☐ Local dev 'desktop'
- ☐ Build pipelines
- ☐ Non-production deployments
- ☐ Production deployments

NOTE: If there is great (clear, succinct) documentation for the technique on the web, supply a pointer and skip the rest of this template. No need to re-type content

## How to Use

### Architecture

Describe the components of the technique and how they interact with each other and the subject of the test technique. Add a simple diagram of how the technique's parts are organized, if helpful to illustrate.

### Pre-requisites

Anything required in advance?

### High-level Step-by-Step

1. 1. 1.

## Best Practices and Advice

Describe what good testing looks like for this technique, best practices, pitfalls.

### Anti patterns

e.g. unit tests should never require off-box or even out-of-process dependencies. Are there similar things to avoid when applying this technique?

## Frameworks, Tools, Templates

Describe known good (i.e. actually used and known to provide good results) frameworks, tools, templates, their pros and cons, with links.

## Resources

Provide links to further readings about this technique to dive deeper.

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