

# Multiple Code Fixes with Real-World Infrastructure and Testing



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```
public void EmptyCatch()  
{  
    try  
    {  
        // code here  
    }  
    catch  
    {  
    }  
}
```

Multiple  
Diagnostics

Multiple  
Fixes

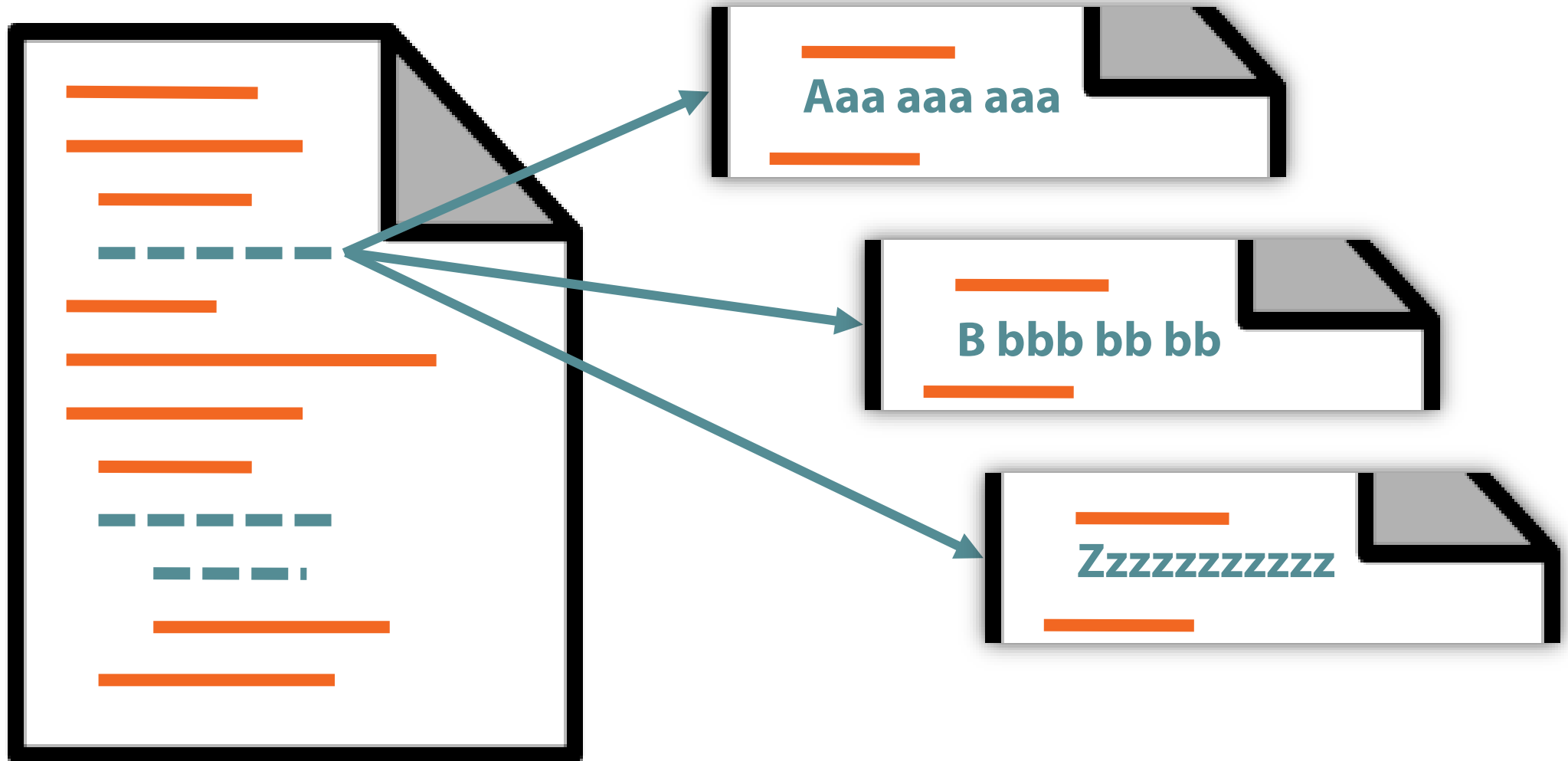
Test  
Infrastructure



## Planning Multiple Code Fixes

# Many Candidates

# Many Fixes for Each



# Template Test Infrastructure



Organize  
(especially deployment)



Encourage reuse

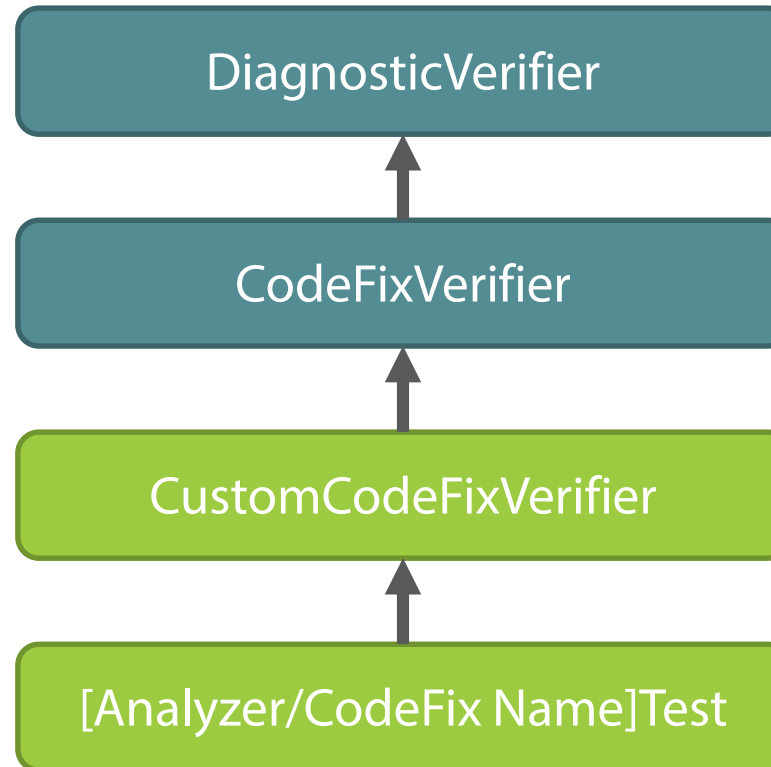


Simplify testing



# Test Infrastructure

# Test Infrastructure Inheritance



# Summary

## Multiple Diagnostics

- Consider organization
- Allows significant reuse
- As always, ensure diagnostic IDs are unique

## Multiple Fixes

- Register multiple fixes for the diagnostic ID
- Challenge is testing many outcomes

## Test Infrastructure

- Enhanced infrastructure leaves focus on sample code
- Directories are a good way to organize sample data
- Test infrastructure enables reuse