

CI/CD's Benefit Proposal

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Say bye to the below

- No more manual deploying to environments
- No more modifying environment settings in GUI's
- No more neglecting the unit tests
- No more leaving broken code in place
- Requires a high level of discipline
- Requires additional skills to maintain and extend automation

Benefits of CI/CD

QUESTIONS WHICH BUISNESS TEAM MAY HAVE

ANSWER

Implementing CI/CD may involve considerable cost ?

Benefits of CI/CD will outweigh the cost of implementation

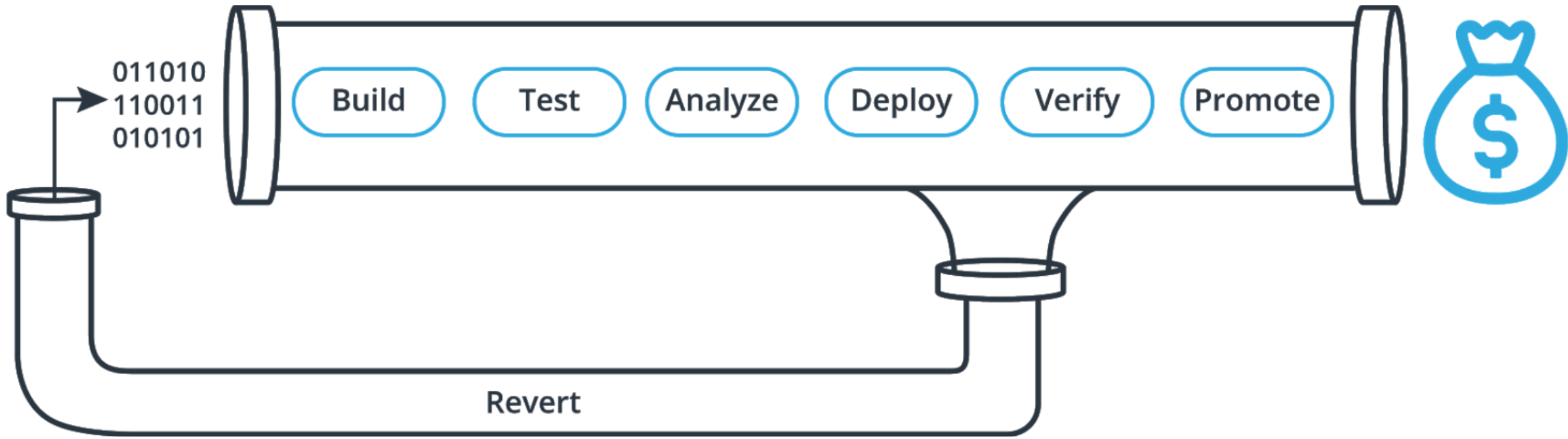
New thing will it be resilient that will come with quality ?

CI/CD will fail fast if it's the code is not right, easily measure quality, its an easy road to production deployment with maximum automation

Too many stages and tools involved

All tools are process are full integrated bringing in lots of savings from every stage of development , testing and deployment phase

The CI/CD Pipeline



Cost saving areas

| Technical Language | Value | Translation |
|---|------------------|---|
| Catch Compile Errors After Merge | Reduce Cost | Less developer time on issues from new developer code |
| Catch Unit Test Failures | Avoid Cost | Less bugs in production and less time in testing |
| Detect Security Vulnerabilities | Avoid Cost | Prevent embarrassing or costly security holes |
| Automate Infrastructure Creation | Avoid Cost | Less human error, Faster deployments |
| Automate Infrastructure Cleanup | Reduce Cost | Less infrastructure costs from unused resources |
| Faster and More Frequent Production Deployments | Increase Revenue | New value-generating features released more quickly |
| Deploy to Production Without Manual Checks | Increase Revenue | Less time to market |
| Automated Smoke Tests | Protect Revenue | Reduced downtime from a deploy-related crash or major bug |
| Automated Rollback Triggered by Job Failure | Protect Revenue | Quick undo to return production to working state |

One Happy Team having CI/CD



Technical Team

One Team



Business Team