

Continuous Integration



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TESTING AND LEGACY EXPERT

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Summary

**GitHub example
Workflow**

GitHub Example

Makefile

test:

```
docker-compose run php bash -c "vendor/bin/phpunit -c phpunit.xml"
```

init:

```
docker-compose up -d && docker-compose run php bash -c "composer install"
```

`.github/workflows/tests.yaml`

```
name: Unit/integration tests
on: [push, pull_request]
jobs:
  build:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v1
      - name: Start Docker containers
        run: make init
      - name: Run tests
        run: make test
```

```
$ git status
```

```
On branch changes
```

```
Changes to be committed:
```

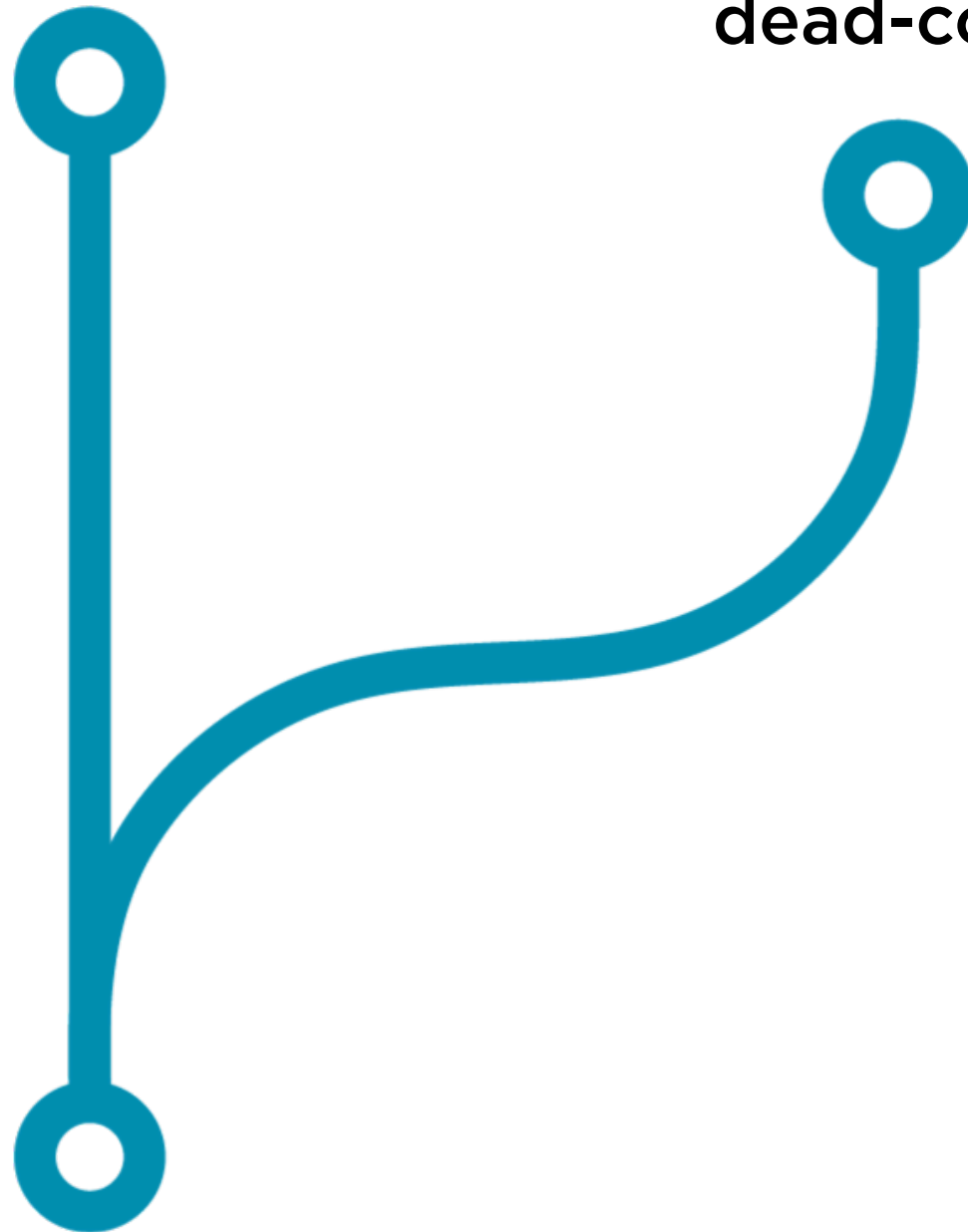
```
(use "git reset HEAD <file>..." to unstage)
```

```
deleted:    src/Catalog/NewProductNotification/NewProductNotification.php
```

Workflow

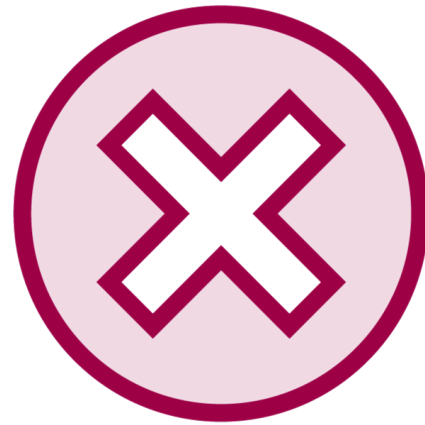
main

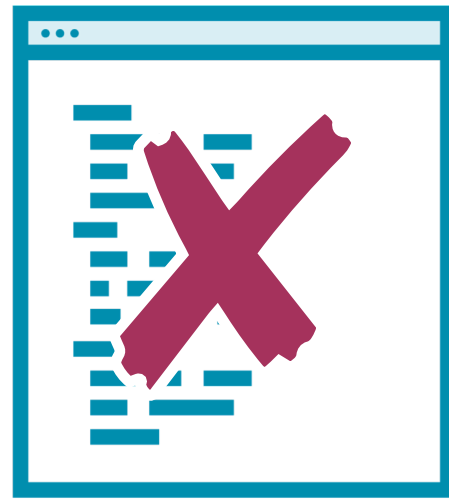
dead-code









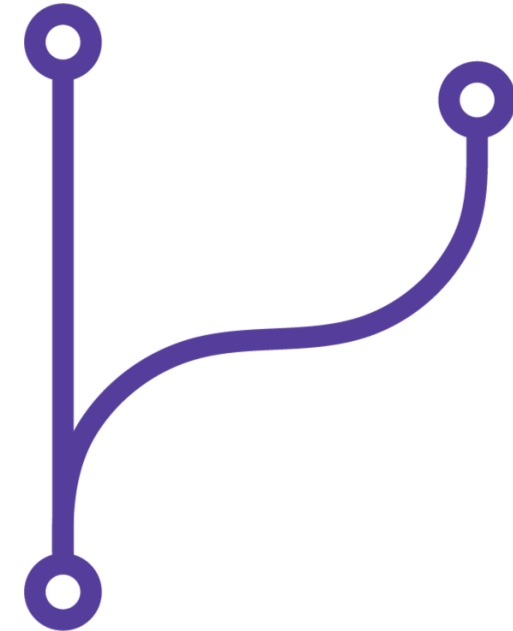




Unit & integration



Simple & isolated



CI pipeline



Acceptance tests

User's perspective

Complex scenarios

Tools don't have to be in PHP

Thanks!