

# Formación de Testing en .NET

Nafarroako  
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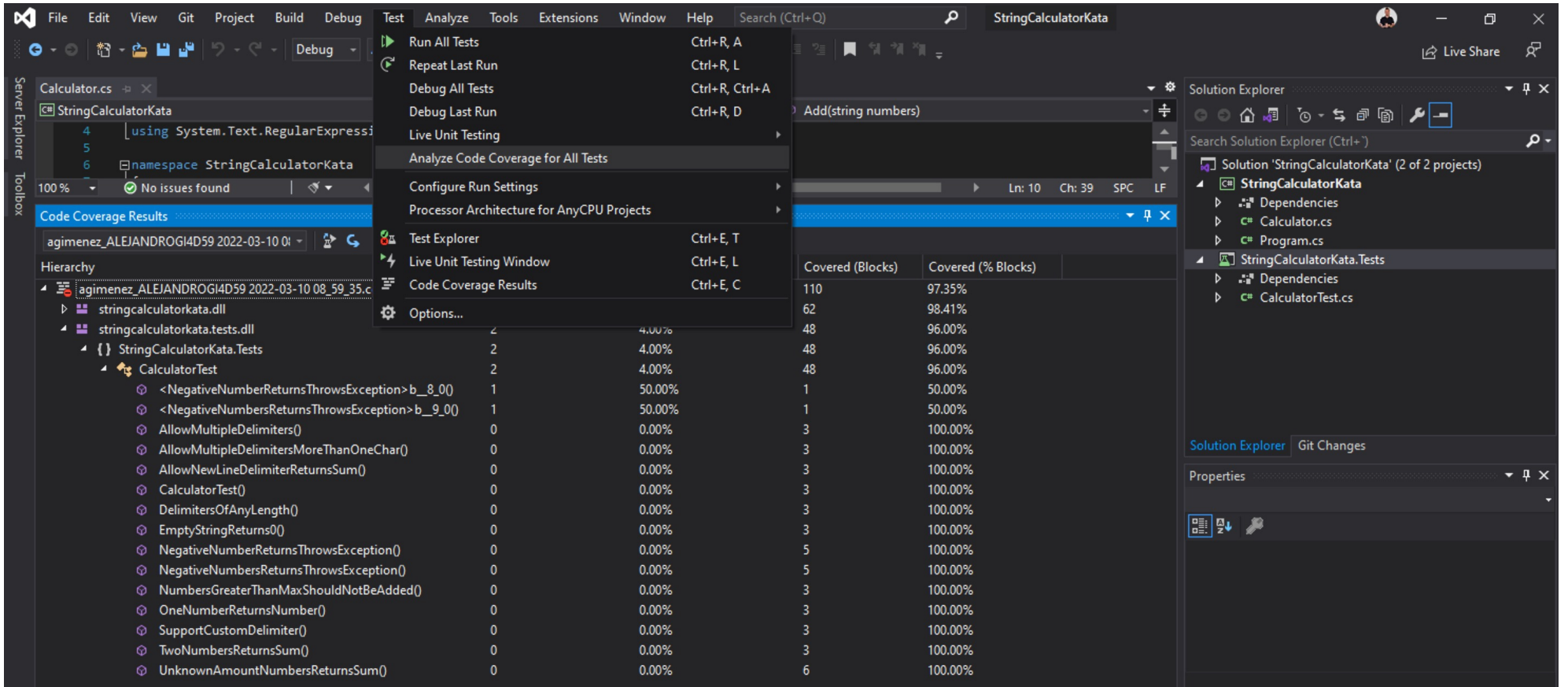
La compañía **hiperespecializada**  
en las TIC

# Automatización

# Automatización

## Cobertura de código

# Visual Studio Enterprise



# Automatización

## Cobertura de código

Línea de comandos: dotnet test, OpenCover, Coverlet...

```
[xUnit.net 00:00:00.62] Finished: AgeCalculatorTests
Test Run Successful.
Total tests: 10
    Passed: 10
Total time: 0.8310 Seconds

Calculating coverage result...
Generating report '.\coverage-reports\coverage.opencover.xml'

+-----+-----+-----+-----+
| Module      | Line  | Branch | Method |
+-----+-----+-----+-----+
| AgeCalculator | 88.7% | 100%   | 88.88% |
+-----+-----+-----+-----+

+-----+-----+-----+-----+
|           | Line  | Branch | Method |
+-----+-----+-----+-----+
| Total      | 88.7% | 100%   | 88.88% |
+-----+-----+-----+-----+
| Average    | 88.7% | 100%   | 88.88% |
+-----+-----+-----+-----+
```



# Automatización

## Cobertura de código

### Generador de informes

#### Summary

[♥ Sponsor](#)[★ Star](#)

Generated on:	02/02/2020 - 13:28:55
Parser:	OpenCoverParser
Assemblies:	1
Classes:	1
Files:	1
Covered lines:	1
Uncovered lines:	0
Coverable lines:	1
Total lines:	9
Line coverage:	100% (1 of 1)
Covered branches:	0
Total branches:	0


#### Risk Hotspots

No risk hotspots found.


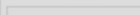


#### Coverage

Collapse all | Expand all

By assembly

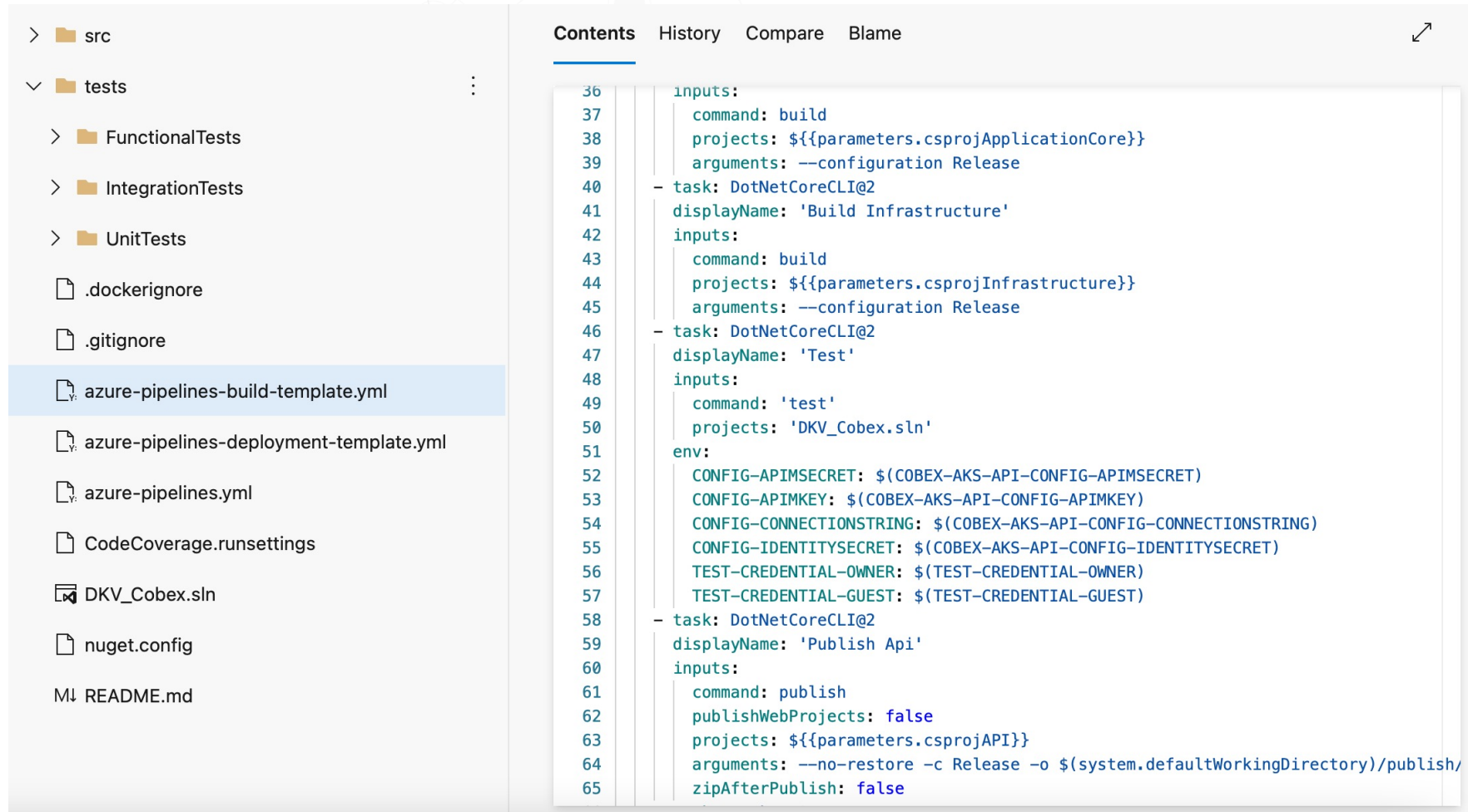
Grouping: 

Filter:

▼ Name	▼ Covered	▼ Uncovered	▼ Coverable	▼ Total	▼ Line coverage	▼ Branch coverage
ExampleLib	1	0	1	9	100% 	
ExampleLib.ExampleClass	1	0	1	9	100% 	

# Automatización

## Integración continua



The screenshot shows the Azure DevOps pipeline editor interface. On the left, a file explorer sidebar lists the project structure, including folders for 'src', 'tests' (with subfolders 'FunctionalTests', 'IntegrationTests', and 'UnitTests'), and various configuration files like '.dockerignore', '.gitignore', 'azure-pipelines-build-template.yml' (which is selected), 'azure-pipelines-deployment-template.yml', 'azure-pipelines.yml', 'CodeCoverage.runsettings', 'DKV\_Cobex.sln', 'nuget.config', and 'README.md'. The main editor area on the right shows the contents of the selected 'azure-pipelines-build-template.yml' file. The file is a YAML pipeline definition with three tasks: 'Build Infrastructure', 'Test', and 'Publish Api'. The 'Test' task is currently selected and highlighted. The pipeline uses environment variables for configuration and includes a 'zipAfterPublish' step.

```
36 inputs:
37   command: build
38   projects: ${parameters.csprojApplicationCore}
39   arguments: --configuration Release
40 - task: DotNetCoreCLI@2
41   displayName: 'Build Infrastructure'
42   inputs:
43     command: build
44     projects: ${parameters.csprojInfrastructure}
45     arguments: --configuration Release
46 - task: DotNetCoreCLI@2
47   displayName: 'Test'
48   inputs:
49     command: 'test'
50     projects: 'DKV_Cobex.sln'
51   env:
52     CONFIG-APIMSECRET: $(COBEX-AKS-API-CONFIG-APIMSECRET)
53     CONFIG-APIMKEY: $(COBEX-AKS-API-CONFIG-APIMKEY)
54     CONFIG-CONNECTIONSTRING: $(COBEX-AKS-API-CONFIG-CONNECTIONSTRING)
55     CONFIG-IDENTITYSECRET: $(COBEX-AKS-API-CONFIG-IDENTITYSECRET)
56     TEST-CREDENTIAL-OWNER: $(TEST-CREDENTIAL-OWNER)
57     TEST-CREDENTIAL-GUEST: $(TEST-CREDENTIAL-GUEST)
58 - task: DotNetCoreCLI@2
59   displayName: 'Publish Api'
60   inputs:
61     command: publish
62     publishWebProjects: false
63     projects: ${parameters.csprojAPI}
64     arguments: --no-restore -c Release -o $(system.defaultWorkingDirectory)/publish/
65     zipAfterPublish: false
```

# Automatización

## Integración continua

SLD\_Cobex

Overview

Boards

Repos

Pipelines

Pipelines

Environments

Releases

Library

Task groups

Deployment groups

Test Plans

Artifacts

✓ #20220105.1 Merged PR 2132: [COB-60] Update "filter/group" definition to return only filtered products + clea...  
dkv.api.cobex.crud

Run new

This run is being retained as one of 3 recent runs by pipeline.

View retention leases

Summary Tests Environments Associated pipelines

Triggered by agimenez

View 2 changes

Repository and version dkv.api.cobex.crud dev-rc 2d6d3027	Time started and elapsed 5 Jan at 16:21 7d 0h 5m	Related 0 work items published	Tests and coverage 100% passed Setup code coverage
---	--	--------------------------------------	--

Stages Jobs

✓ Build & Test  
1 job completed 2m 4...  
100% tests passed  
1 artifact


✓ DEV  
2 jobs completed 1m ...

✓ QA  
2 jobs completed 1m ...

✓ UAT  
2 jobs completed 1m ...

⌚ PRO  
Skipped  
0/1 checks passed  
Retry Stage

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#20220105.1 Merged PR 2132: [COB-60] Update "filter/group" definition to return only filtered products + cleanup hotfix

dkv.api.cobex.crud

This run is being retained as one of 3 recent runs by pipeline.

Summary Tests Environments Associated pipelines

Summary

3 Run(s) Completed ( 3 Passed, 0 Failed )

154  
Total tests  
+154

154  
0  
0  
Passed  
Failed  
Others

100%  
Pass percentage  
↑ 100%

48s 497ms  
Run duration  
↑ +48s 497ms

0  
Tests not reported

Bug Link

Filter by test or run name

Test	Duration
✓ VSTest_TestResults_56045_2 (44/44)	0:00:42.373
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_GetBenefits.BenefitController_GetAllFilter_OrderByProduct_BenefitsViewModel	0:00:04.370
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.MedicalActsControllerTest.MedicalActsController_GetAllByFilter_MedicalActViewModel	0:00:01.367
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_NewVersion_OK	0:00:01.070
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.ProductsControllerTest.ProductsController_GetAll_Logged_ProductsViewModel	0:00:00.957
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.SpecialtiesControllerTest.SpecialtiesController_GetAll_SpecialtyViewModel	0:00:00.947
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_UpdateAsync_GetByid_Benefit	0:00:00.903
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_AddAsync_NullExistingDates_NullDateUntil_Error	0:00:00.630
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_UpdateAsync_ExistingDates_OverlappingPeriod_Error	0:00:00.630
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_AddAsync_NullProducts_Error	0:00:00.613
✓ DKV.Api.Cobex.FunctionalTests.API.Controllers.BenefitsControllerTest_PostBenefits.BenefitsController_AddAsync_ExistingDates_OverlappingPeriod_Error	0:00:00.610



A background graphic consisting of a network of interconnected nodes and lines. The nodes are represented by circles of varying sizes, some solid and some dashed, connected by thin lines. The overall structure is a complex, organic network that fills the background.

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