



COSMO CONSULT

Business-Software für Menschen

DevOps

Gap-Development



Prerequisite

Use Workshop-VM / Workshop-Computer
follow the instructions of the Boarding Pass



Visual Studio Code

<https://code.visualstudio.com>



Git

<https://git-scm.com>



Competence Team DevTech

[Microsoft AI](#)



VS Code

Useful Extensions

> AL Formatter

- > Indentation
- > Keyword case style
- > Sort variable definitions
- > Readability Guidelines - Spacing and newlines (experimental)

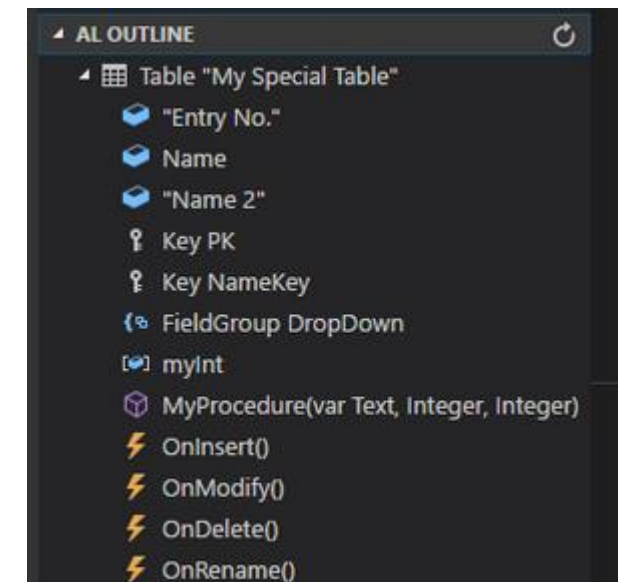
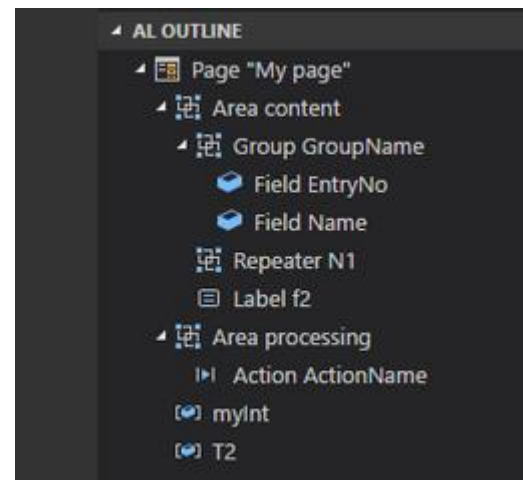
> AL Code Outline

- > Outlining – AL Object Structure
- > “Create List Page” from Table
- > “Create Card Page” from Table

> al-util

- > “Rename & Move” Objects
- > Templates e.g. “Readme.md”

```
Codeunit 70000000 MyCodeunit
{
    var
        Customer : Record Customer;
        Counter : Integer;
        InvalidCustomerErr : TextConst ENU='Invalid Customer.
    trigger OnRun();
    begin
        if Customer.FindSet then
            repeat
                if not Customer.HasAddress then
                    Error(InvalidCustomerErr);
            until Customer.Next = 0;
    end;
}
```



AGENDA

1

Introduction Git

2

Project Start

3

BERATUNGSPHILOSOPHIE

4

WARUM MICROSOFT?

5

WARUM COSMO CONSULT?

6

KUNDEN VON COSMO CONSULT

7

COSMO CONSULT INTERNATIONAL / GLOBAL SERVICE



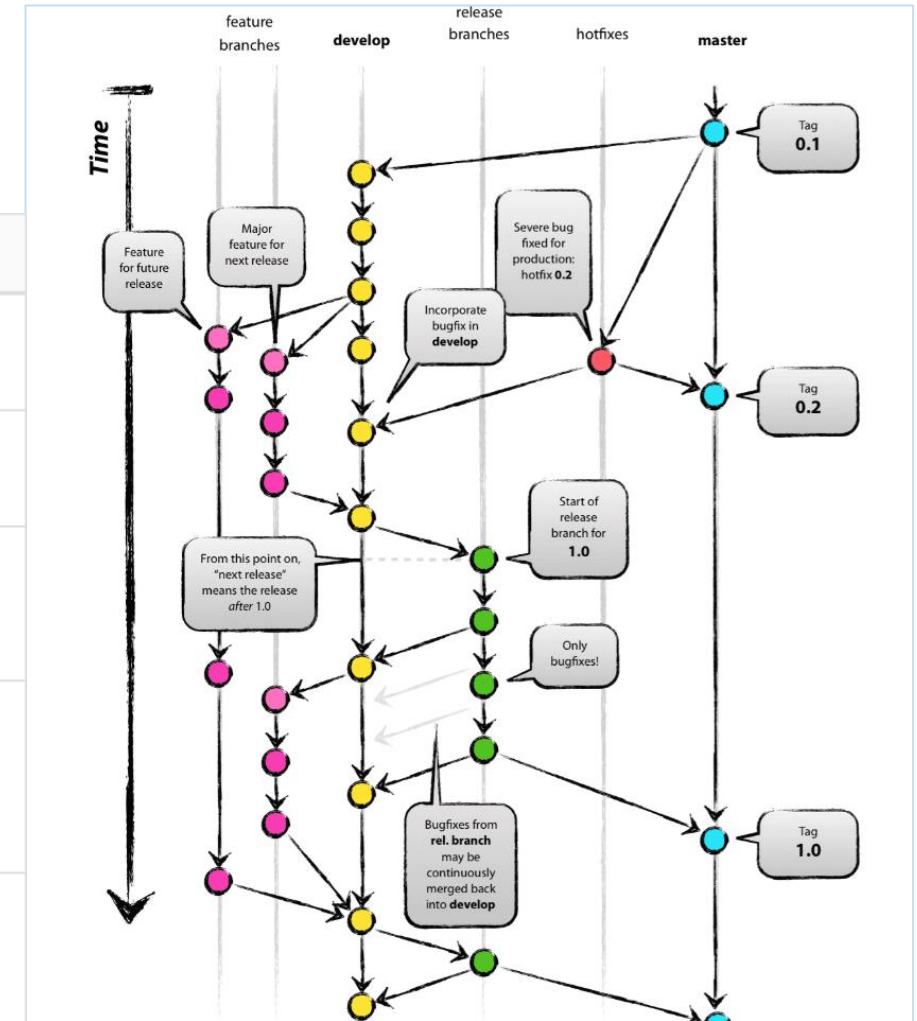
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Gap-Development Process [[Repo](#)]

➤ Organization in Branches

1 GAP → 1 Feature Branch

Name	Designation	Description
master	<i>master</i>	The sources / objects in the master branch correspond to the current productive release at the customer.
development	<i>dev</i>	The development branch is the result or the sum of the finished developments.
release	<i>release_1.0.2</i>	Release Branches start from the development branch and serve to finalize a release. Here corrections of the release are carried out and transferred back to the development branch.
feature	<i>feature_PROD.GAP900.1</i>	A feature branch contains the continuous adaptation of sources / objects of a single development task. He starts from the development branch. The result will be transferred back to the development branch upon completion
hotfix	<i>hotfix_SD345623</i>	A hotfix branch starts from the master branch and contains bug fixes, the Productive Release. Its result will be transferred back to the master , development and release branches (if any).





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Git

Commands, Branch, Hands-On

CONNECTION
ANALYSIS
DATA
SEARCHING
VERIFICATION
CODING
SENDING

Q & A



Channel

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[Microsoft AL](#)