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| Term | Definition or instruction… |
| **Requirement** | --knowleg in dev lifecycle and builds-releases  -- Azure DevOps subscription (free)  -- Azure account (free trial with credit cart) |
| **Description** | **THE GOAL IS GET THE PODUCT TO THE MARKET FASTER (that’s what it’s all about)**  -- union of peoples, process, products to enable continuoous delivery of value  for the end client (microsoft\_deffinition)  -- Right people in place  --products(tools) important but can’t achive devops success  --software deployment should be fluid  --Increase quality by integrated unit tests (low level) |
| **Azure pipelines** | Release pipelines: end to end release pipeline for app to be deployed |
| Languages: can work with many: python, java, go, php, c# …  Version control sys: Azure Repos, GitHub, Bitbucket …  Application types can deploy: .net, java, JS, php, ios…  Deployment targets: -- container registries, VM, Azure services …  --Package formats (NuGet, npm, Maven, …) |
| **Stages** | **Where to deploy a release**  --Logical entity that represents (Dev, Qa, Pre-Prod, Prod)  --independent deployment for each stage  --Application database and web tiers should be as a single stage |
| **Tasks** | --Building blocks for def automation in release  --Packaged scripts or procedures  --Can be versioned (expl in vs marketplace)  --Create stage then inside it create tasks |
| **Releases** | Package or container that holds a versioned set of artifacts specified in a release pipeline.  -Create a release can trigger deployment (running the tasks for the stage) |
|  |  |
| **lazyLoading** | C’est une technique moderne permettant de charger du code applicatif lorsque celui-ci sera sollicité, plutôt que |
| Code Example  ng new App --routing --style=scss  cd App  ng g m ./mymodule1 --route mymodule1 --module app.module  ------------------------------output---------------------------  ng g c ./mymodule1/component1 --module mymodule1 |