Prerequisite

1. Install Visual Studio 2017 (**with Net Framework 4.6.1**)
2. Install SQL server 2014 in local machine(**For local development, debug and test**)

Projects brief

Skills

- [C# (**Net framework 4.6.1**)](#)
- [OWIN](#)
- [Web API 2](#)
- [EntityFrameWork 6](#)
- [HangFire](#)
- [Autofac](#)
- COSMOS Scope
- Aether

Projects

- OnboardingToolCore

  - Models
  - Db Models
  - Constants
  - Config
  - App.Config
- OnboardingToolDataProvider

  - DbDataProvider
  - Db Migration files
- OnboardingToolOwinService

  - Web API
  - OWIN Service
  - Hangfire Dashboard
  - Autofac
- OnboardingToolServer

  - StartUp project(==start OWIN Service and Worker Scheduler==)
- OnboardingToolService

- business logic of workers
- OnboardingToolWorker

  - Workers
  - Parsers
  - Helpers
- OnboardingToolScheduler

  - Autofac
  - Hangfire
  - Configurable worker schedulers

Work flow

```mermaid
flowchart LR
    A[Hard edge] --> B(Round edge)
    B --> C{Decision}
    C -->|One| D[Result one]
    C -->|Two| E[Result two]

    F[Square Rect] -->|Link text| G((Circle))
    F --> H(Round Rect)
    G --> I{Rhombus}
    H --> I
```

Hard edge → Round edge → Decision

Decision —One→ Result one

Decision —Two→ Result two

Square Rect —Link text→ Circle

Square Rect → Round Rect

Circle → Rhombus

Round Rect → Rhombus