

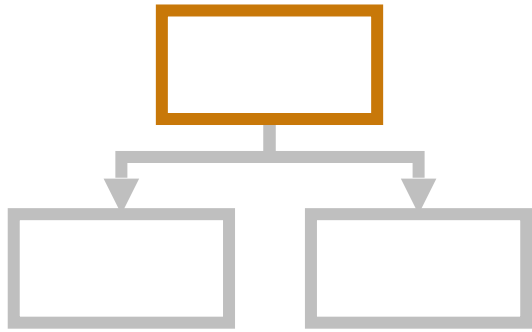


Enterprise applications

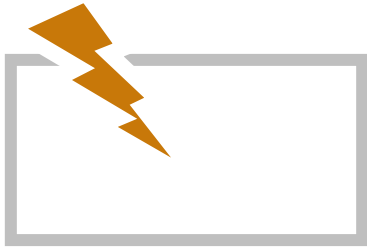
Gestire applicazioni di classe Enterprise con Angular 6 e Schematics

paolo.galfione@softwareuno.it

// angular-cli 6 : @angular/devkit



ORGANIZZAZIONE



EFFICIENZA

// Paolo galfione - Softwareuno ins



Attiva dal 1992

40+ addetti

Team di sviluppo di 16 persone

Paolo Galfione

Founder - CEO

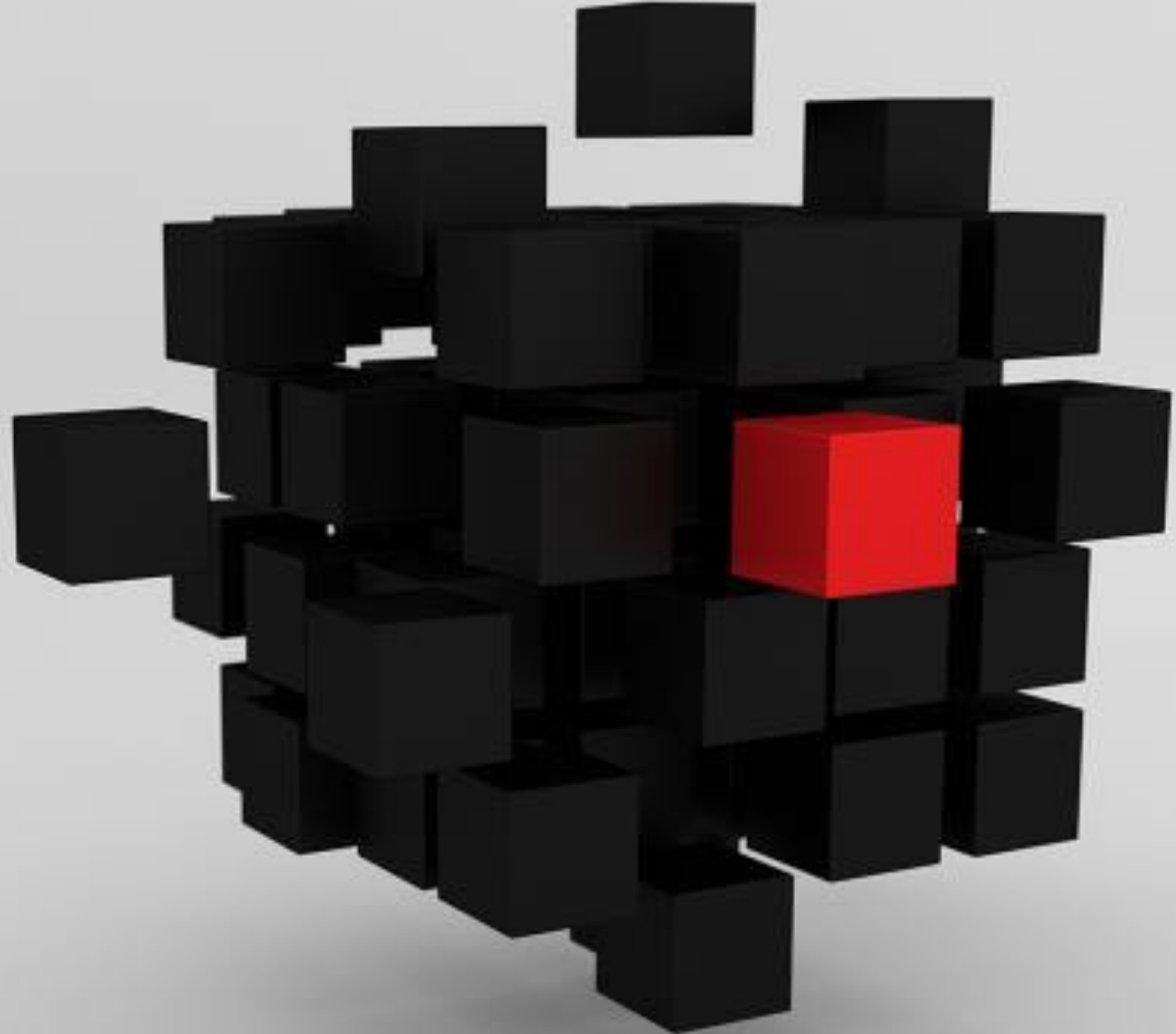
<https://twitter.com/paologalfione>

<http://www.softwareuno.it>

paolo.galfione@softwareuno.it



// ENTERPRISE APPLICATION: *che Cos'è?*



// da «sanità» a DIGITAL HEALTH



Check in

Assessment

Treatment

Outcome



Ambulance



Walk in

Check in

The receptionist will check you in.



You will be seen by a nurse in order of arrival.

Assessment

A nurse will assess the urgency of your injury or illness.

Handover

Resuscitation

For people with life-threatening injuries or illnesses.

Major Injuries

For people with very urgent injuries or illnesses.



You will be treated in order of urgency.

Tests

We may need to find out more about your injury or illness.

Minor Injuries

For people with less urgent injuries or illnesses.

See & Treat

For people whose injuries can be assessed and treated in one step.



You may have to wait while we process your test results and decide on the best treatment.

Hospital

People who need further treatment will be admitted to a hospital ward.

Leave A&E

Most people will be able to leave A&E after treatment.

// da «sanità» a **DIGITAL HEALTH**



THE DIGITAL HEALTH REVOLUTION

**DIGITAL
REVOLUTION
+
GENOMIC
REVOLUTION**

WIRELESS SENSORS & DEVICES

MOBILE CONNECTIVITY

SOCIAL NETWORKING

GENOMICS

INTERNET

IMAGING

DATA UNIVERSE

HEALTH INFO SYSTEMS

**R
E
S
U
L
T
S**

PREVENTION

PREDICTION

MANAGEMENT

DIAGNOSIS

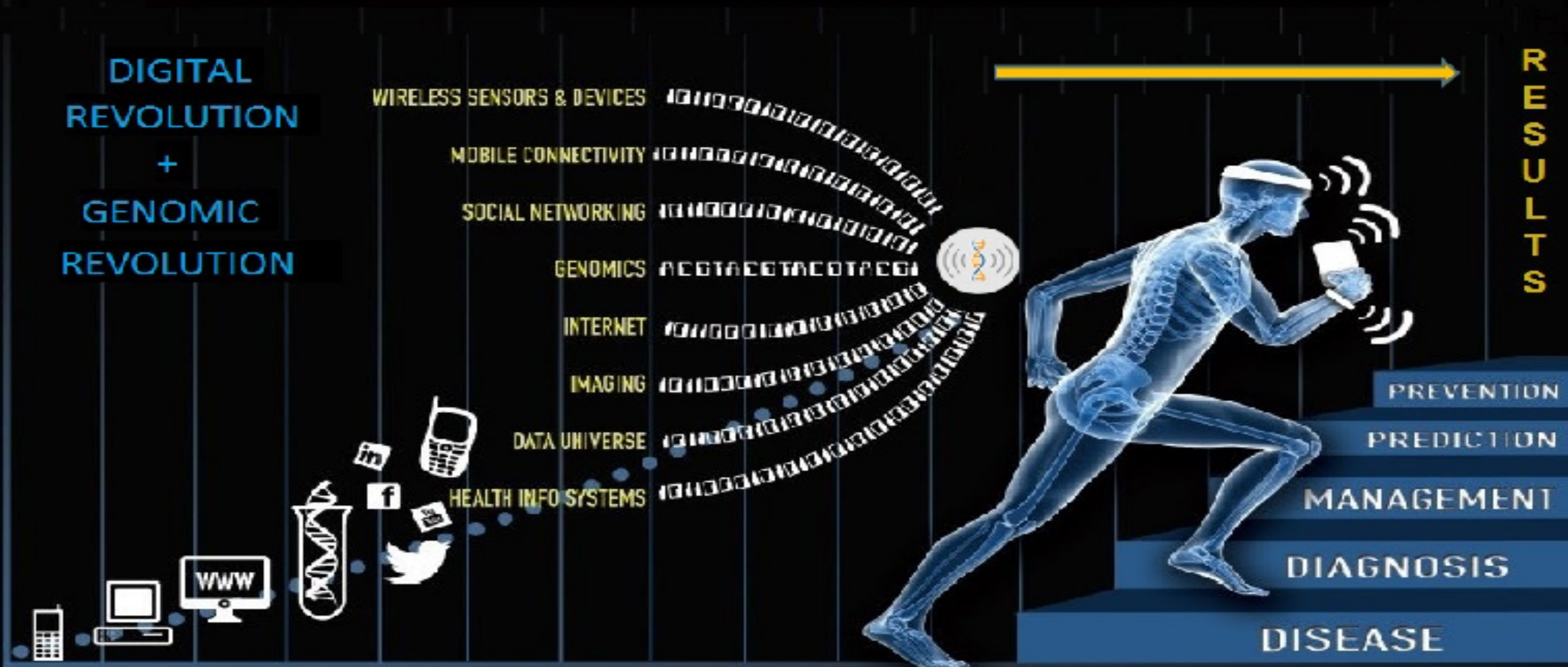
DISEASE

1970 1980 1990 2000

storyofdigitalhealth.com

2010

2020



Amministratore
Amministratori

Pinarolo > Sicurezza > Operatori

PINAROLO

3 Unità Organizzative

Moduli

Sicurezza

> Operatori

Centri di attività

Contesti di navigazione

Ruoli

Gestione password

Gestione password

Configurazione tenant

< Operatore - dettaglio profili

Dati anagrafici

*Cognome

_

*Email

operatore1@dominio.it

*Nome

Amministratore

*Username

sw1

AnnulaSalva

Profili attivi

Infermieri

Ruolo

Infermieri

Attive dal

26/01/2018

Unità Organizzativa assegnata

San Francesco

Centri di Attività assegnati

0 - GLICINE1 - ROSA1 - EDERA1 - NINFEA2 - MIMOSA2 - OSTENSIAALIMENTAZIONE OSTENSIA

Medici

Ruolo

Medici

Attive dal

26/01/2018

// la nostra architettura



FRONT-END



Shell & common UX

Auth

Nav

Pic

Dossier

?

?

Web Services RESTful

Auth

Nav

Pic

Dossier

?

?

BACK-END

CORE

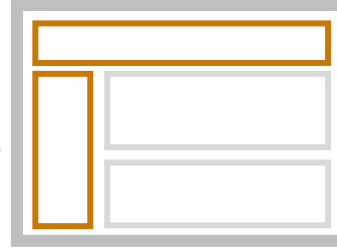
Tenant, Autentication, Auth, Organization Unit

// applications & libraries



APPLICATION

SHELL

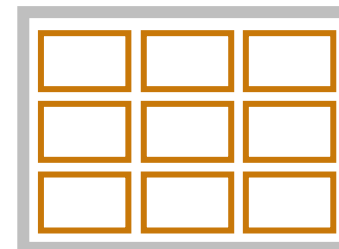
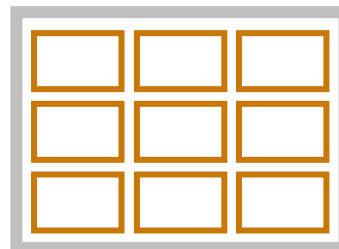


COMPONENTI
APPLICATIVI



LIBRARIES

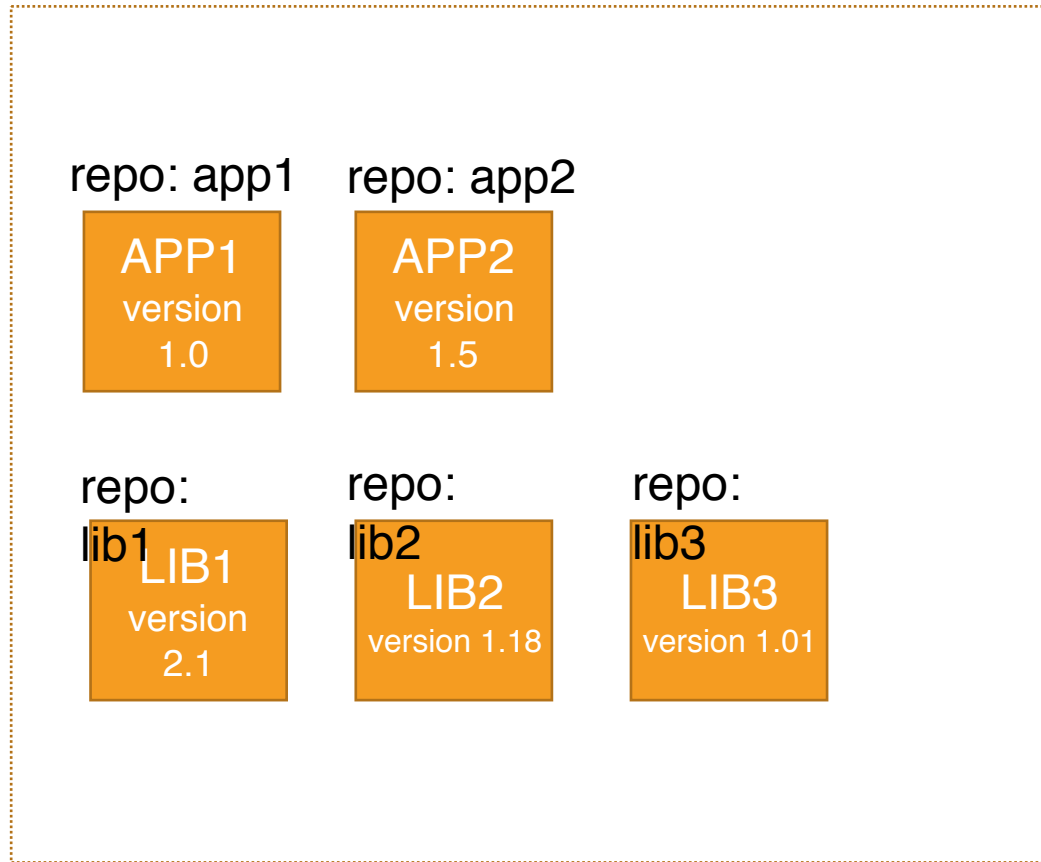
COMPONENTI
CONDIVISI



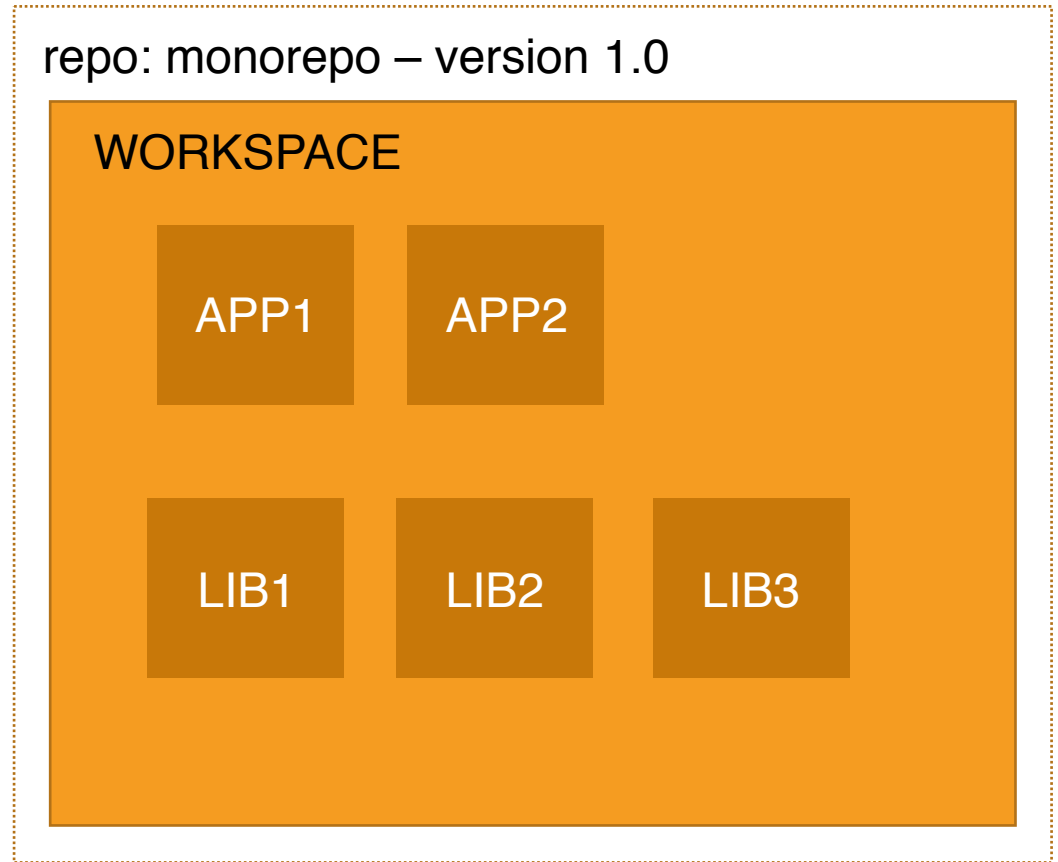
// multi-repo Mono-repo



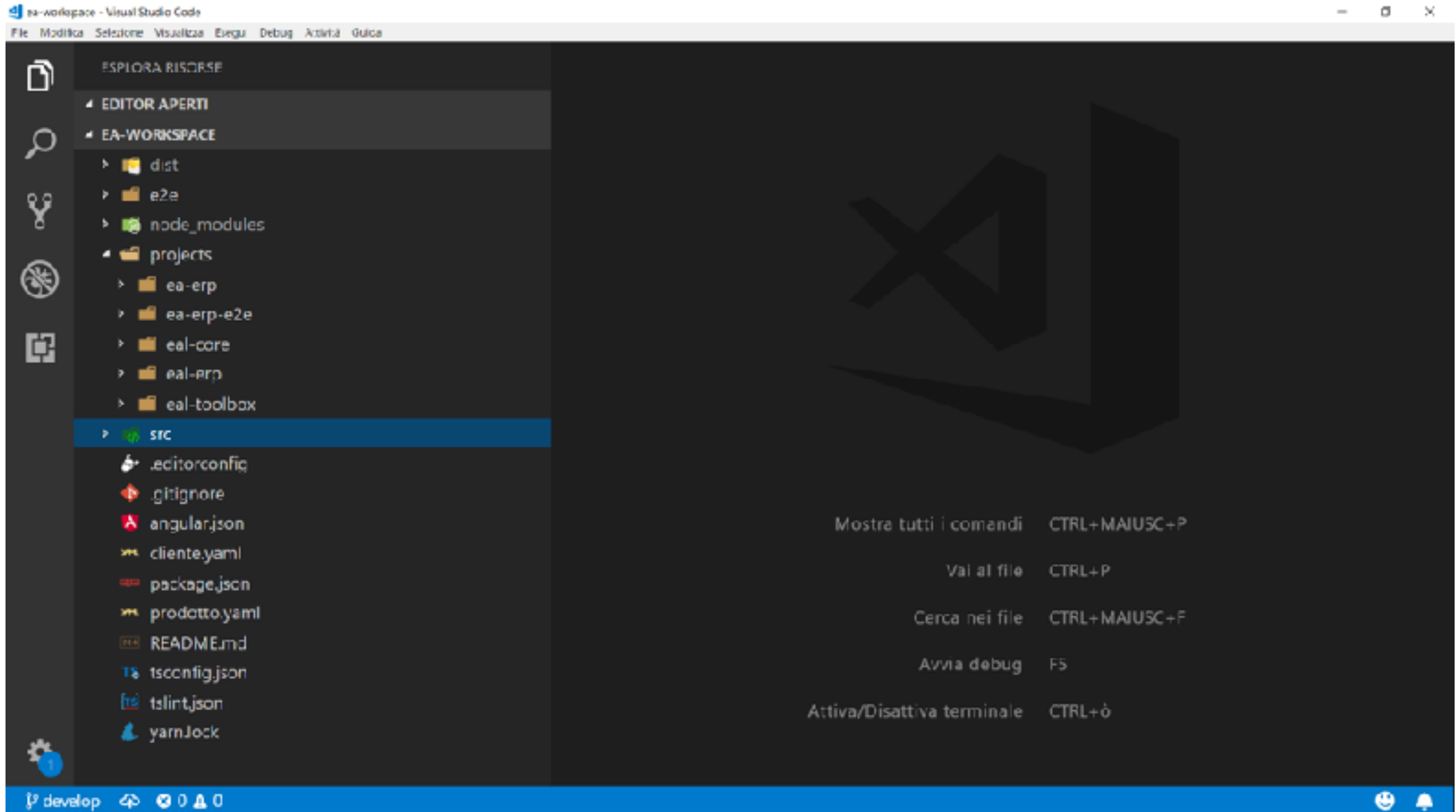
github.com/myaccount



github.com/myaccount



// angular 6 workspace



// angular 6 generate



```
C:\Uno\git\eaad\ea-workspace>ng generate --help
usage: ng generate <schematic> [options]
Available schematics:
  serviceworker
  application
  class
  component
  directive
  enum
  guard
  interface
  module
  pipe
  service
  universal
  appShell
  library

To see help for a schematic run:
  ng generate <schematic> --help

C:\Uno\git\eaad\ea-workspace>
```



<https://github.com/paolo-galfione/eaad>



// schematics



- Facile da usare e da sviluppare
- Estensibile e riusabile
- Atomico (Transazionale)
- Asincrono

// schematics - i pionieri



NRWL EXTENSIONS

// concetti chiave – schematics e collection



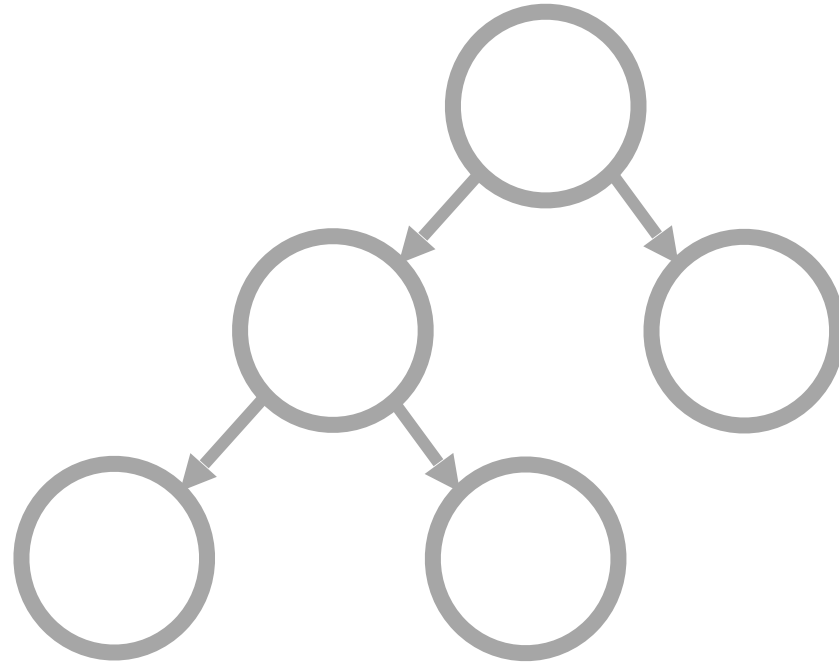
- Schematics

- si intende un generatore, capace di eseguire una pipeline di azioni senza che vi siano side effects sul file system esistente (è anche il nome della libreria nel suo insieme)

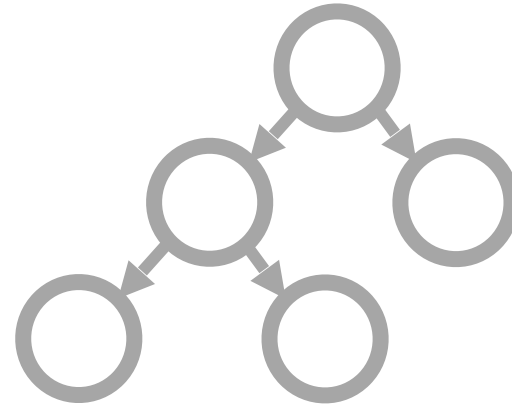
- Collection

- è una lista di schematics resi disponibili all'interno di un pacchetto (schematics project). Il singolo generatore viene definito con un proprio nome all'interno della collections

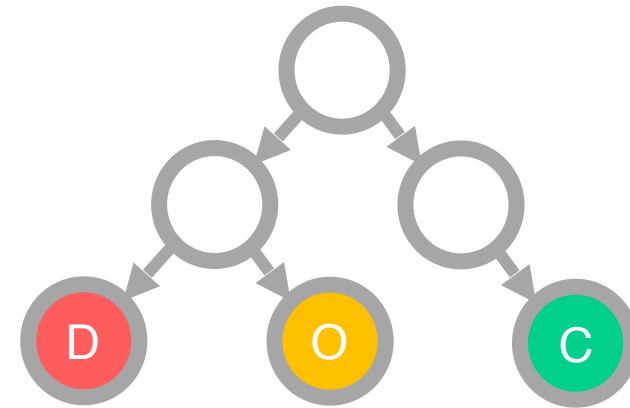
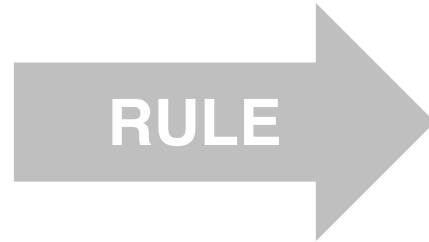
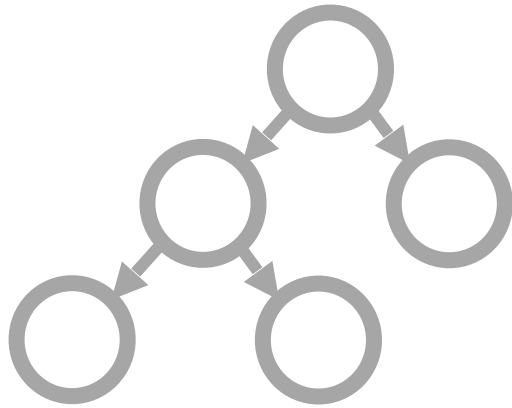
// concetti chiave – tree



// concetti chiave – source



// concetti chiave – **RULE**



// concetti chiave – actions



CREATE



RENAME

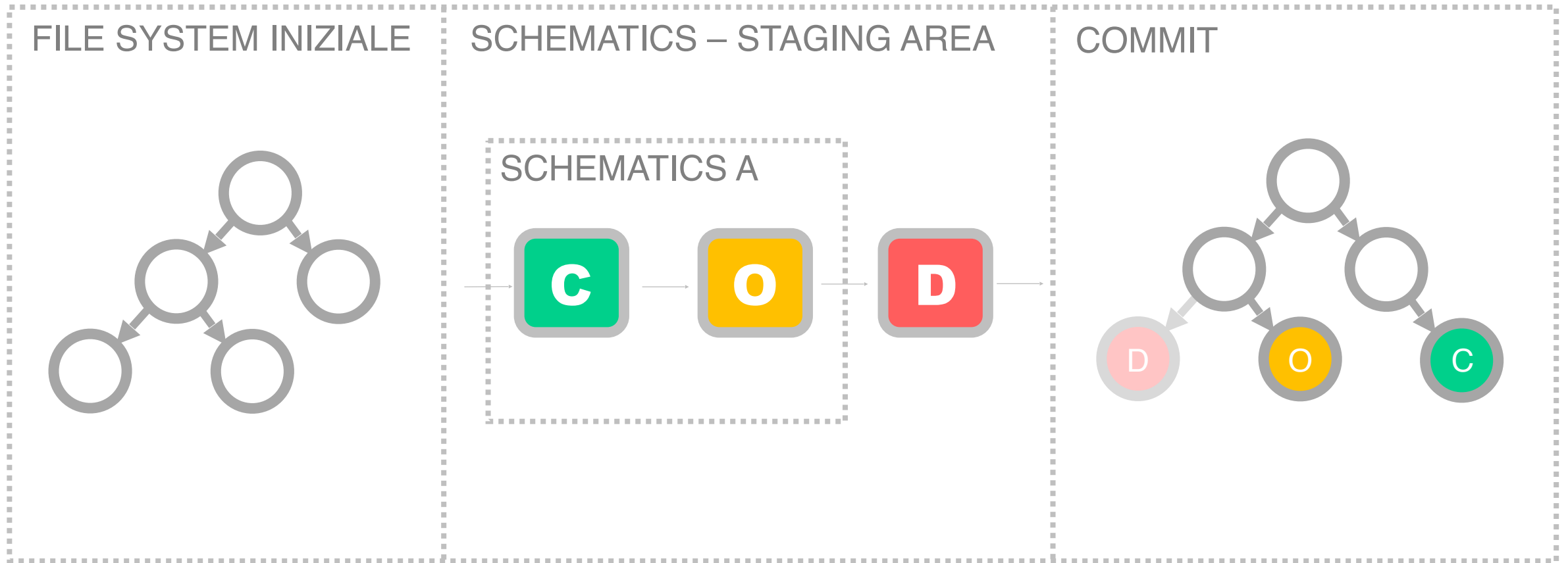


OVERWRITE



DELETE

// concetti chiave – WORKFLOW



// utilizzare **schematics**



```
npm install -g @angular/devkit/schematics-cli
```

```
schematics blank -name=adayschema
```

```
schematics schematics -name=adayschema
```




// utilizzare I templates

- Utilizzo di metadati per i nomi dei file `__name@dasherize__`
- Utilizzo di embedded JavaScript templating (<http://ejs.co/>) per la generazione del codice (TS, HTML, CSS)
- Funzioni per la gestione delle convenzioni sui nomi:
 - `dasherize`
 - `classify`
 - `camelize`



GRAZIE!

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Schematics

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