

**#hackdev17: pipeline per  
trasformare CSV in RDF**

**(Linked) OpenData Sicilia**

**9/10 novembre 2018  
Palermo**

# Chi Sono

<https://francescomarchitelli.com>



Member of  
Google Developers Group Bari



Member of  
Alumni Mathematica



Member of  
Spaghetti Open Data

# Agenda

- Hackathon Hack Developers 2017
- CSV
- SPARQL Construct
- Tarql
- Scenario di implementazione - Demo

# Hack Developers

AgID + Team Digitale

Piano Triennale

Developers

Designers

Forum

Docs

Github



**hack.developers**

Cambia la PA, riavvia il sistema operativo del Paese

7-8 OTTOBRE 2017

organizzato da



TEAM PER LA  
TRASFORMAZIONE  
DIGITALE

In collaborazione con

{code}motion

#hackdev17

Home

News

About

Contenuti

Sedi

Premiazioni

Sponsor

Partner e Community

Info



# Github Repo

<https://github.com/marcyborg/daf-jsoncsv2rdf-pipeline>



# SPARQL Construct

CONSTRUCT can produce triples that are composed of parts not found in the triple store being queried.

# TARQL: SPARQL for Tables

Tarql is a command-line tool for converting CSV files to RDF using SPARQL 1.1 syntax. It's written in Java and based on Apache ARQ.

# Pipeline

```
./tarql 19luoghicultura.sparql 19-luoghi-della-cultura.csv
```



MATERA 2019  
CAPITALE EUROPEA DELLA CULTURA





