IoT, BigData, Automation. RIOS: 1 network, 11 aziende per la Digital Transformation

Davide Lamanna, CEO @Binario Etico
RIOS: a network of competencies, to extend your business

Davide Lamanna
RIOS' facts and figures
Born in 2013, 6 founders
Today: 11 companies, 350+ employees, covering the whole north-center
Tens of projects delivered by 2+ companies
E2E services (SW selection, tailor-made projects, product customization, AM, training, …)
in-depth knowledge of 40+ products and 20+ solutions developed
OS is our reason-why! new members welcome! :-)

RIOS' facts and figures
@RIOS we work on
RIOS' Technological Stack

- Mobile
- Safety
- Digital Identity
- e-Consulting
- e-Learning
- eLearning
- HRM
- Digital Philology
- Collaboration
- zimbra
- OpenMeetings
- Kute
- Knowledge
- OptaPlanner
- ProcessMaker
- Open Data
- GeoNode
- Contents
- Liferay
- Plone
- Automation
- sonar
- Big Data
- pentaho
- elastic
- VERTICA
- Confluent
- Cloudera
- Middleware
- WildFly
- WSO2
- API
- StrongLoop
- DBMS
- mongoDB
- neo4j
- denodo
- activeDirectory
- Cloud
- openstack
- Rancher
- Kubernetes
- Docker
- Linux
- Red Hat
- Ubuntu

#RedHatOSD
Case histories
SWAP
Smart WAtering Planner
SWAP

- An IoT based SW to optimize water usage in irrigation
- A Decision Support System based on semantic technologies and a knowledge description language (built on KIE, Drools, OptaPlanner)
- Extensive and integrated use of data collected from sensors, weather forecasts, fields and crops characteristics, historical series, etc for the best prediction
- Able to directly execute and manage an irrigation plan
- Open Source
- A start-up set by Marco Ciarletti with 3 RIOS members: Lynx, S2S, eLabor
- C:\Users\Marco\Desktop\soonapse_swap.mp4
RIOS Academy
RIOS Academy

A single online training point on OS technologies, solutions and products

- A RIOS service based upon the e-learning platform ADA + Apache OpenMeetings
- Courses, webinars, slides, info, ...
- Provided by RIOS companies + third parties
- (mostly) Free!

C:\Users\Marco\Desktop\rios_academy_demo_2.mp4
Real-time analysis on tweets
Real time Analysis on Tweets

- Developed by 2 RIOS companies: Sensei, Binario Etico
- 3 technologies integrated: OpenStack, Docker, WSO2
- (almost) 0 code
- Easily adaptable for other analysis
- C:\Users\Marco\Desktop\twitter analytics dashboard.wmv
Questions welcome :-)  
now or @RIOS desk
Grazie per l’attenzione

Davide Lamanna