



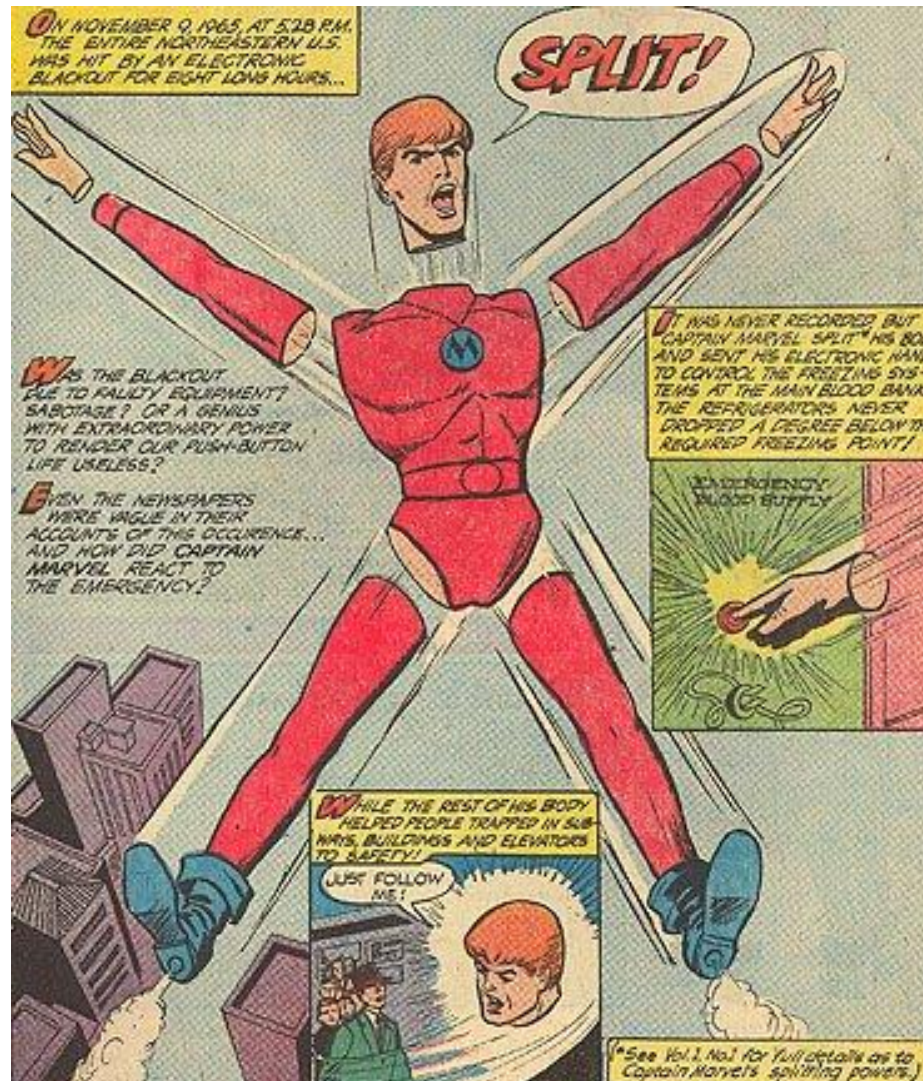
# Tel Aviv University's ORCID integration

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ORCID Consortia Workshop  
Atlanta, May 2019



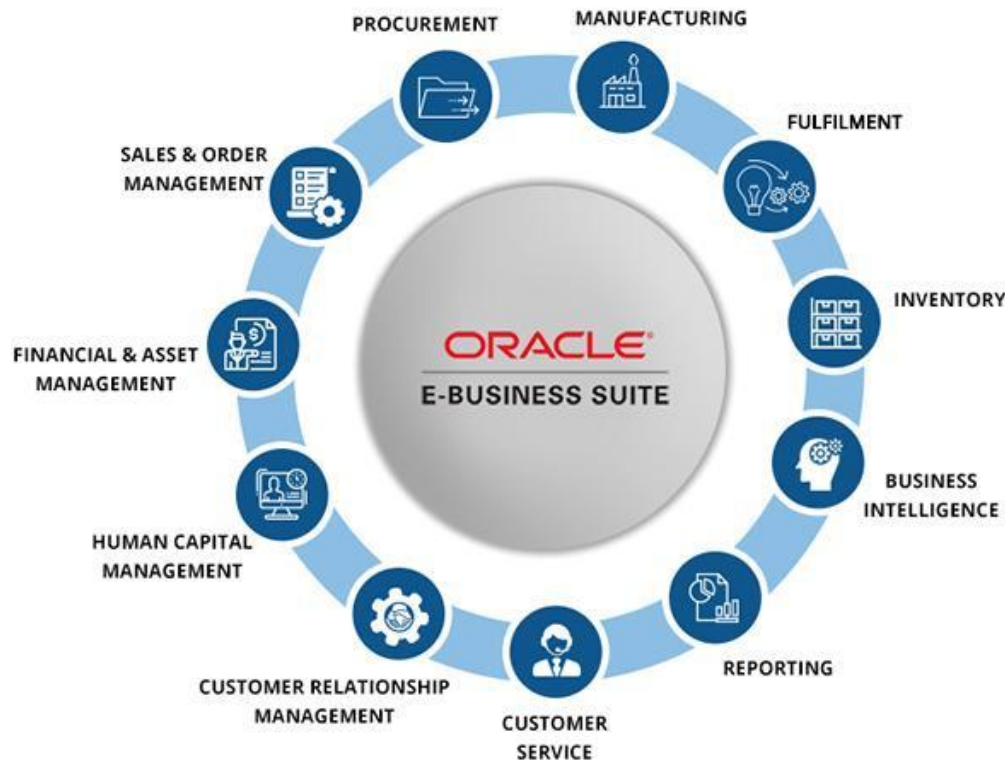
# My personal roles





# Infrastructure

Tel Aviv University uses Oracle ERP as a core system, including Oracle's Human Resource Management System (HRMS)





# ORCID data characteristics

- ORCID data contains personal details:
  - ORCID iD
  - Authentication tokens
  - Biographical information
  - Others
- An organization may be granted access to more personal and private details as a “Trusted Party”



# HR modules' characteristics

- Built and maintained using strict methods to provide both security and privacy.
- Designed to store personal information.



# Integration

- The integration with ORCID is built as an integral part of the ERP, using Oracle Application Express:
  - Web-based software development environment that runs on an Oracle database
  - Helps put the focus on the DB model supporting a solution



# Pros and Cons



- Security & Privacy
- A central part of the organization
- Integrations to every institutional system (Research, Library, CMS etc...)
  - Future CRIS will interact directly with Oracle ERP



- A new technology for Tel Aviv University, imposes a learning curve that prolongs development time



# Data synchronization

<b><u>Phase</u></b>	<b><u>Data Read</u></b>	<b><u>Data Write</u></b>
<b>One (current)</b>	ORCID iD	Employment Affiliation
<b>Two (By the end of 2019)</b>	Publications, using CRIS	Publications, using CRIS
<b>Three (2020)</b>	Popular Keywords (See poster)	Academic Keywords (See poster)





# Conclusion

Building ORCID integration from a core system stores the data in its “natural” place and will help disseminate it to local and remote systems



# ?Questions

**INTEROPERABILITY** ENTER ONCE  
REUSE OFTEN

