Tel Aviv University’s ORCID integration

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My personal roles

ON NOVEMBER 9, 1965, AT 5:39 P.M., THE ENTIRE NORTHEASTERN U.S. WAS HIT BY AN ELECTRONIC BLACKOUT FOR EIGHT LONG HOURS...

AS THE BLACKOUT DUE TO FAULTY EQUIPMENT? SABOTAGE? OR A GENIUS WITH EXTRAORDINARY POWER TO RENDER OUR PUSH-BUTTON LIFE USELESS?

WAS NEVER RECORDED. BUT CAPTAIN MARVEL SALTED HIS BOD AND SENT HIS ELECTRONIC HANDS TO CONTROL THE FREEZING SYSTEMS AT THE MAIN BLOOD BANKS. THE REFRIGERATORS NEVER DROPPED A DEGREE BELOW THE REQUIRED FREEZING POINT.

WHILE THE REST OF HIS BODY HELPED PEOPLE TRAPPED IN SUBWAYS, BUILDINGS, AND ELEVATORS TO SAFETY!

*See Vol. No.1 for full details on to Captain Marvel’s splitting powers.*
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”
• Built and maintained using strict methods to provide both security and privacy.
• Designed to store personal information.
• 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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Data Read</th>
<th>Data Write</th>
</tr>
</thead>
<tbody>
<tr>
<td>One (current)</td>
<td>ORCID iD</td>
<td>Employment Affiliation</td>
</tr>
<tr>
<td>Two (By the end of 2019)</td>
<td>Publications, using CRIS</td>
<td>Publications, using CRIS</td>
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<tr>
<td>Three (2020)</td>
<td>Popular Keywords (See poster)</td>
<td>Academic Keywords (See poster)</td>
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</table>
Building ORCID integration from a core system stores the data in its “natural” place and will help disseminate it to local and remote systems.
INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

CONNECT COLLECT

PUBLISHER
Assert authorship

CONNECT COLLECT

RESEARCHER
https://orcid.org/0000-0001-2345-6789

CONNECT COLLECT

EMPLOYER
Assert affiliation

CONNECT COLLECT

FUNDER
Assert award

Questions