Enterprise Directory Services
January 2006 Governance Board Summary

The ED Governance Board began holding meetings twice per month in November 2005. This document is intended to provide the campus with a summary of the Board’s discussions to date, and provide a list of topics for the coming months.

Populations and Data Sources
Two meetings in November were spent reviewing the existing populations, attributes and sources of data in today’s UM Online Directory. The future Enterprise Directory will include populations similar to today, with the addition of Flint campus students.

<table>
<thead>
<tr>
<th>Enterprise Directory Population</th>
<th>Data Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current employees &amp; emeritus faculty at all three campuses</td>
<td>M-Pathways HEPROD database</td>
</tr>
<tr>
<td>Ann Arbor active students</td>
<td>M-Pathways HEPROD database</td>
</tr>
<tr>
<td>Flint active students</td>
<td>Banner student information system</td>
</tr>
<tr>
<td>Dearborn active students</td>
<td>Banner student information system</td>
</tr>
<tr>
<td>UM Online (UMOL) subscribers</td>
<td>ITCS UMOL database</td>
</tr>
<tr>
<td>Living alumni</td>
<td>DAC database</td>
</tr>
<tr>
<td>Other Sponsored Individuals</td>
<td>The ED will include a new “Sponsor System” for managing these individuals.</td>
</tr>
</tbody>
</table>

The Sponsor System will include tools and procedures for departments to manage the entries that they create and/or sponsor, including a Web interface and APIs for units to feed sponsorship data from local data sources.

The Sponsor System will be flexible enough to accommodate various groups, including but not limited to short-term visitors, contractors, prospective students, former employees, and friend account holders.

Attributes
The Board held a brief discussion about attributes and the visibility of these attributes in the Person Registry, Directory, and in the UMOD application.

Over the next several meetings, the Board will focus attention on data attributes that will be available in the Registry and the Directory for provisioning and access control purposes.

There is recognition that the current UMOD contains more public information than our peer institutions. In future meetings, the board will reexamine the amount of publicly available data in the UMOD, and plans to recommend that more attributes be hidden by default, unless the individual chooses to make the information public. Attributes may be hidden from public view, but would still be available, as needed, in the main directory for provisioning and access control.
ED Future Architecture with Person Registry

This diagram is intended to show the various data sources and to facilitate conversations about the creation of sponsored person entries in the Enterprise Directory. It also distinguishes the UMOD white pages application from the main directory and person registry. The diagram is conceptual only, and is not intended to describe the technical architecture.

- **Includes all IDs, regardless of source or status**
- **Protected data store, limited access, includes more sensitive data**
- **Performs real-time queries of source data as needed**
- **Includes all attributes for a person**

**Sponsor System**
- Create Ad Hoc IDs
- Require minimum data
- Find/Assign UMID
- Assign uniqname/login ID
- Assign Departmental Roles
- Manage lifecycle

**Departmental Sources**
- Department-specific attributes
- Create Entries
- Assign Departmental Roles
- Manage lifecycle

**Directory**
- Outward facing directory
- Contains "active" IDs
- Groups and Roles
- Performs real-time queries of Registry as needed
- May include support for unit-specific views

**Person Registry**
- Logic
- Includes all IDs, regardless of source or status
- Protected data store, limited access, includes more sensitive data
- Performs real-time queries of source data as needed
- Includes all attributes for a person

**Logic**
- **Create Ad Hoc IDs**
- **Require minimum data**
- **Find/Assign UMID**
- **Assign uniqname/login ID**
- **Assign Departmental Roles**
- **Manage lifecycle**

**UMOD**
- **Departmental Systems**
  - Card Key Access
  - ITCS services
  - 2-factor authentication
- **Central Systems**
  - Apply local business rules
  - Provision and De-provision departmental services
- **White Pages application**
- **Mail forwarding service**

**Dearborn**
- **Logic**

**Flint**
- **Logic**

**DAC**
- Logic

**MAIS**
- Logic
### Future Topics

<table>
<thead>
<tr>
<th>Institutional Roles</th>
<th>Feb 6, 2006</th>
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</thead>
<tbody>
<tr>
<td>• Identify roles that can/should be derived from institutional data</td>
<td></td>
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<tr>
<td>• Identify Roles to be delivered in the initial rollout of the Enterprise Directory</td>
<td></td>
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<tr>
<td>Ad-hoc roles and Groups</td>
<td>Feb 20, 2006</td>
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<tr>
<td>• Define process for ownership/maintenance</td>
<td></td>
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<tr>
<td>• Visibility of Groups/membership</td>
<td></td>
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<tr>
<td>Addresses</td>
<td>Mar 6, 2006</td>
</tr>
<tr>
<td>• Purpose of Addresses in the Directory</td>
<td></td>
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<tr>
<td>• Two-way updates?</td>
<td></td>
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<tr>
<td>• “Phone Book” style address listing?</td>
<td></td>
</tr>
<tr>
<td>Names</td>
<td>Mar 20, 2006</td>
</tr>
<tr>
<td>• Purpose of Names in the Directory</td>
<td></td>
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<tr>
<td>• Sources of Preferred Names</td>
<td></td>
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<tr>
<td>• Hiding Names</td>
<td></td>
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<tr>
<td>Privacy</td>
<td>April 3, 2006</td>
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<tr>
<td>• Review existing policy/guidelines on privacy</td>
<td></td>
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<tr>
<td>• What individual attributes do staff, students, alums, other, have the ability to hide?</td>
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<tr>
<td>• Level of security to see attributes hidden from general use</td>
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