Official Pictures in Sakai

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How do we get from this...

- Profile2 without a picture
- Default is to allow uploads
OR from this...

- Profile2 with uploaded picture
- No control over what gets uploaded
To this...for everybody?

- Profile2 with *official picture*
- Allows for reasonably consistent picture for all students
- Requires no action on the part of students to upload
Solution: Official Pictures in Profile2
Official Pictures: Technical and Political

• Technical
  • Profile2 settings
  • Roster2 settings
  • Work out mechanics of file upload and update

• Political
  • Right to use pictures
  • Identifying stakeholders (Student Records, Card Office, Legal, etc.)
  • Visibility
    • Faculty only? Student to student?
Technical: Profile2 properties

• Starts with Profile2 (latest version)
  • profile2.picture.type =
    • upload = allow for uploads (default)
    • url = external URL providing pointer to picture
    • official = use an official picture as the ONLY picture
  • sets the default source for profile pictures

• Can still include official pictures even if this is set to “upload”
  • profile2.official.image.enabled = (true / false, default false)
  • profile2.official.image.source = (url / provider / filesystem)
Profile2 properties, continued

- Can grant or remove ability for all users to update their picture
  - `profile2.picture.change.enabled` = (true / false, default true)

- Can be done for specific user types, e.g.
  - `profile2.picture.change.registered.enabled` = (true / false)

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<table>
<thead>
<tr>
<th>Profile2 overview</th>
<th><a href="https://confluence.sakaiproject.org/display/PROFILE/Profile2">https://confluence.sakaiproject.org/display/PROFILE/Profile2</a></th>
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<tr>
<td>List of Profile2 settings</td>
<td><a href="https://confluence.sakaiproject.org/display/PROFILE/Profile2-Settings">https://confluence.sakaiproject.org/display/PROFILE/Profile2-Settings</a></td>
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<td>Steve Swinsburg’s 2011 presentation</td>
<td><a href="http://www.slideshare.net/steveswinsburg/profile2-social-networking-for-the-sakai-cle">http://www.slideshare.net/steveswinsburg/profile2-social-networking-for-the-sakai-cle</a></td>
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</tbody>
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Roster2 and other settings

- Pictures can be displayed in Roster2
  - Default behavior is to display Pictures from Profile
  - Ability to view official picture controlled by roster.viewofficialphoto permission within site
  - May want to grant students or other participants the ability to view official pictures

- Pictures *might* be displayed in Forum posts
  - profile2.profile.link.enabled = (true / false, default true)
  - May require that official picture be the ONLY picture (but more on that later)
Political issues

- May need permission to use a person’s picture
  - For our undergraduates, we ask them to sign a FERPA (privacy) release form at New Student Orientation
  - Release form gives us the right to use their photographic image for educational purposes

II. STUDENT PHOTO AND INTERVIEW RELEASE AUTHORIZATION

By signing below, you will permit us to use your photographic image and/or voice recordings in our educational and promotional materials. Thank you.

I hereby consent to and authorize Providence College, or its agent, to use, reproduce, exhibit, publish, broadcast or distribute photographs, video tapes, audio tapes, films, or any other medium, in which I am pictured, interviewed, or recorded, in whole or in part without restrictions or limitations for any educational or promotional purpose in support of the College. All original media remain the property of Providence College. I will not hold the College responsible for any unauthorized use of the material.
More politics

• What happens when a student *revokes* the right to use their picture?
  • Must work out a mechanism to remove picture from Sakai

• Who should see what?
  • Should official pictures be viewable exclusively from the Roster tool?
  • And only by Faculty?
Our implementation so far

profile2.official.image.enabled = true
profile2.picture.type = upload
profile2.official.image.source = filesystem
profile2.official.image.directory = ...
profile2.official.image.directory.pattern = ALL_IN_ONE

• So: we enable official images
• But we also allow upload
• Images are stored in the Sakai filesystem
  • in a single directory
How do the pictures get there?

• Student ID card pictures are stored in the SIS database
• Extracted daily to a middleware server
• Files are named `username.jpg`
  • But this is Unix – *case sensitive!*
• Maintain a local directory with all pictures
  • Replace pictures for students who have not released (or who revoke release) by overwriting with blank image
• Directory synchronized via sftp to Sakai
  • sftp directory then synchronized to Tomcat
Possible issue: Forums

- Official pictures *might* not be displayed in Forums, depending on settings.

- Fix 1: *would* be displayed if official pictures were *only* pictures.
  
  \[ \text{profile2.picture.type} = \text{official} \]
Possible issue: Forums

• Fix 2: picture displayed if user *chooses* to use the institutional image as their profile image

• Checkbox in Profile revealed when official images are enabled
  
  `profile2.official.image.enabled = true`
Possible issue: Forums

- Unfortunately requires the student to “opt in”
- Should official pictures be only pictures?
  - Differing policies across divisions / schools

<table>
<thead>
<tr>
<th>Category</th>
<th>Accounts</th>
<th>Pictures</th>
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<tbody>
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<td>Undergrad</td>
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<td>TOTAL</td>
<td>5558</td>
<td>4373</td>
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</table>
Possible issue: Sakai 11

- Smaller pictures in Sakai 11 Roster2
  - No control for picture size
  - Control removed for single column/grid
  - Control removed to hide names

- Loss of utility for instructors who want to print a roster with pictures

- https://jira.sakaiproject.org/browse/SAK-31869
Questions?
Thank you!

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