GPIII
State of the Art
In today's presentation

- What are we building?
- How are we building it?
  - Architecture overview
  - Personalization layers
- Current status
- Challenges
- (Unofficial) Roadmap
What are we building?

- We are **not**
  - Creating a new AT
  - Making a replacement for any AT
  - Reinventing the wheel
- We are building a framework that, by having our preferences stored in the cloud and by identifying ourselves with a token, allows us to use **any device**, **anywhere** and **at anytime**
How are we building it?

- Cross-platform and highly portable core architecture framework
  - Flexible, modularized and pluggable
  - Using cutting-edge technologies

- Minimal set of platform-specific components that can be easily plugged into the core architecture
Personalization layers

- OS (filesystem, libraries/APIs, etc)
- OS built-in ATs
- Third party applications and ATs
- Cloud-based ATs
- Websites
Current (demo) status

- Platforms (MS Windows, GNU/Linux with the GNOME Desktop, Android and JME-featured phones)
- Products (NVDA, JAWS, Web browsers, and many more)
- We can have a set of preferences that can be used in any of the mentioned platforms and with many different combinations of products
- We can even react to changes in the context
Challenges

• Improve our current implementation in many aspects
• Add support for more platforms and products
• Determine what's best for the users in every use case
• Secure all the infrastructure
• A Management Tool for the end-users
(Unofficial) Roadmap

• Ongoing R&D projects: Prosperity4all, PGA
• UIITA-RERC Library GPII System (LGS)
  – Very limited and custom version of the GPII for libraries
• GPII-APCP
  – More advanced version of the GPII
  – Will be deployed in the US in about 24 months
Want to join the effort?

• References
  – http://gpii.net
  – http://raisingthefloor.org
  – http://wiki.gpii.net
  – http://gpii.github.io
  – http://github.com/GPII
THANK YOU SO MUCH!

GPII: State of the art
FOSDEM 2016

Javier Hernández Antúnez
<javi@raisingthefloor.org>