Cloud4All

Using the cloud to provide personalised access to computing devices

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Cloud platforms **L**ead to **O**pen and **U**niversal access for people with **D**isabilities and **for All**

Consortium

- Simplify Accessibility

- Increase built-in accessibility

- Grow Market for Accessible Technologies and services

- Facilitate cross-sector collaboration

Why?

- Internet will no longer optional
  - Education, employment, commerce, civics, health
- Access does not exist for everyone
  - Disability, income, ability
- Access solutions are:
  - too complex
  - hard to find
  - expensive to buy and provide

How?

- Current situation
  - Individual adaptation
  - Generic accessibility features

- With Cloud4All
  - Automatic-personalisation
  - Personal profiles for specific accessibility features

Cloud4All is a Part of GPII

Global Public Inclusive Infrastructure
http://gpii.net

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Discovery of tools to help

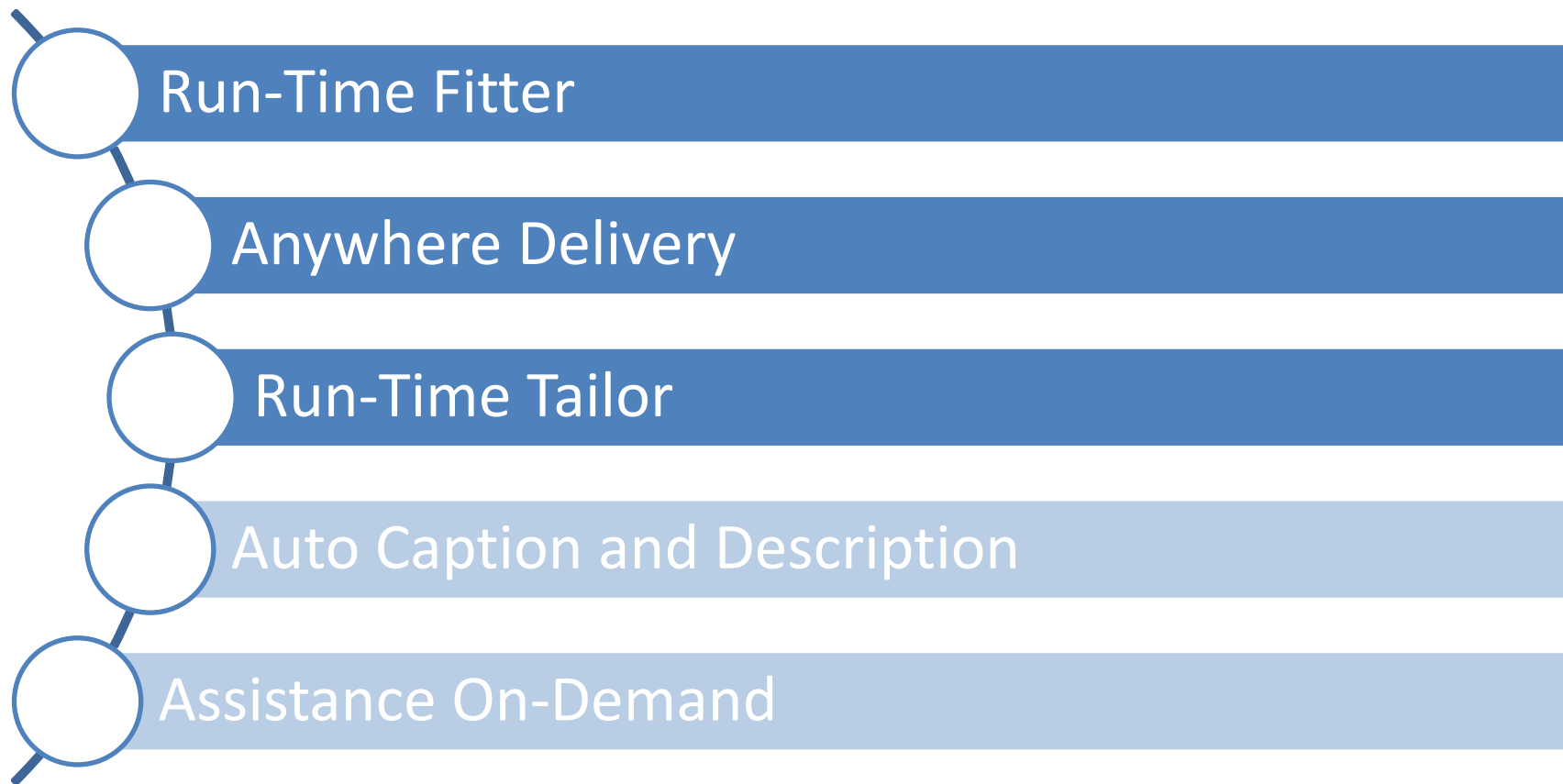Accessing tools on any device

Developing and marketing new solutions

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Discovery of tools

- User Awareness
- Evaluation Wizards
- Preferences and Performance Profiles
- GPII Marketplace
- Recommender

Accessing Tools on Any Device

- Run-Time Fitter
- Anywhere Delivery
- Run-Time Tailor
- Auto Caption and Description
- Assistance On-Demand

Developing and Marketing new Solutions

Development Tools and Environment

Parts store

Rich Expertise Resource

Assistance On Demand Services infrastructure

GPII Marketplace

A Cloud4All Use Case

Our Contributions

- Extending an existing solution
  - Dementia patients and carers
  - Potential for Learning Difficulties

- Building features into W3C Widget templates
  - Within Apache Wookie (Incubating)
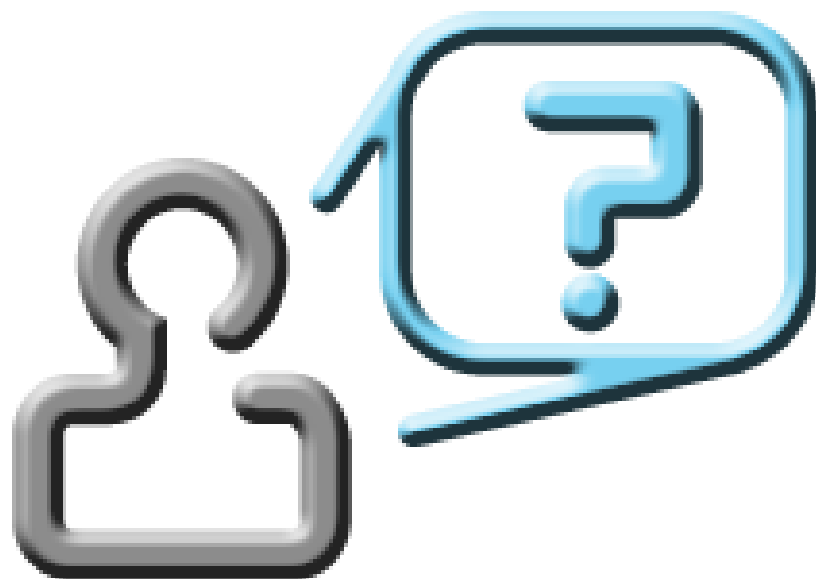 - Any widget therefore Cloud4All "compliant"

Status

- Started November 2012

- No major outputs yet

- Initial templates already in Apache Wookie
  - Developed as part of JISC funded Rave In Context project with OSS Watch

Getting Involved

- Building W3C Widgets?
  - Use Apache Wookie (Incubating)
  - http://www.apache.org
  - wookie-dev-subscribe@incubator.apache.org
- Building other applications?
  - Use cases being built now
  - Standards published in due course

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