Open Interfaces

Accessibility Matters

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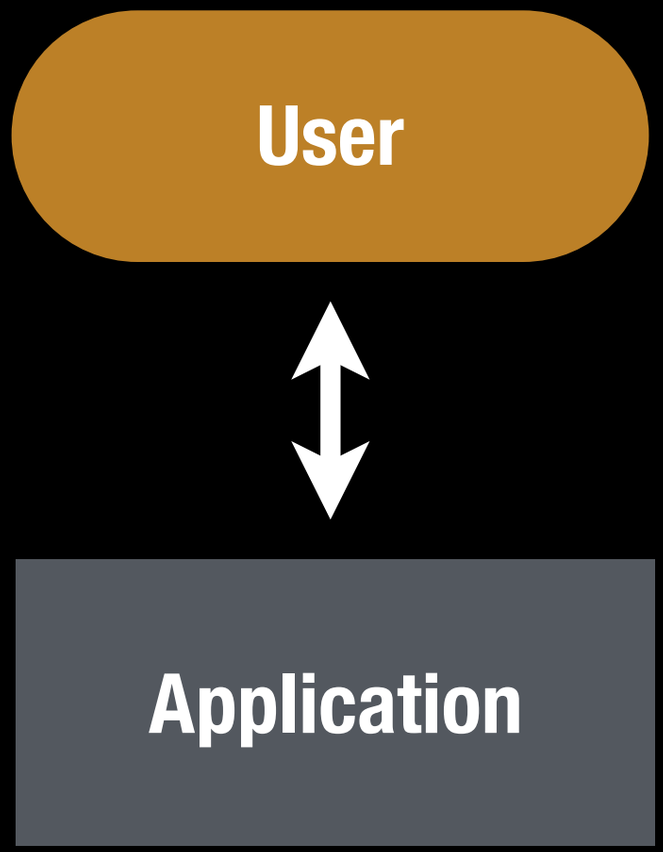
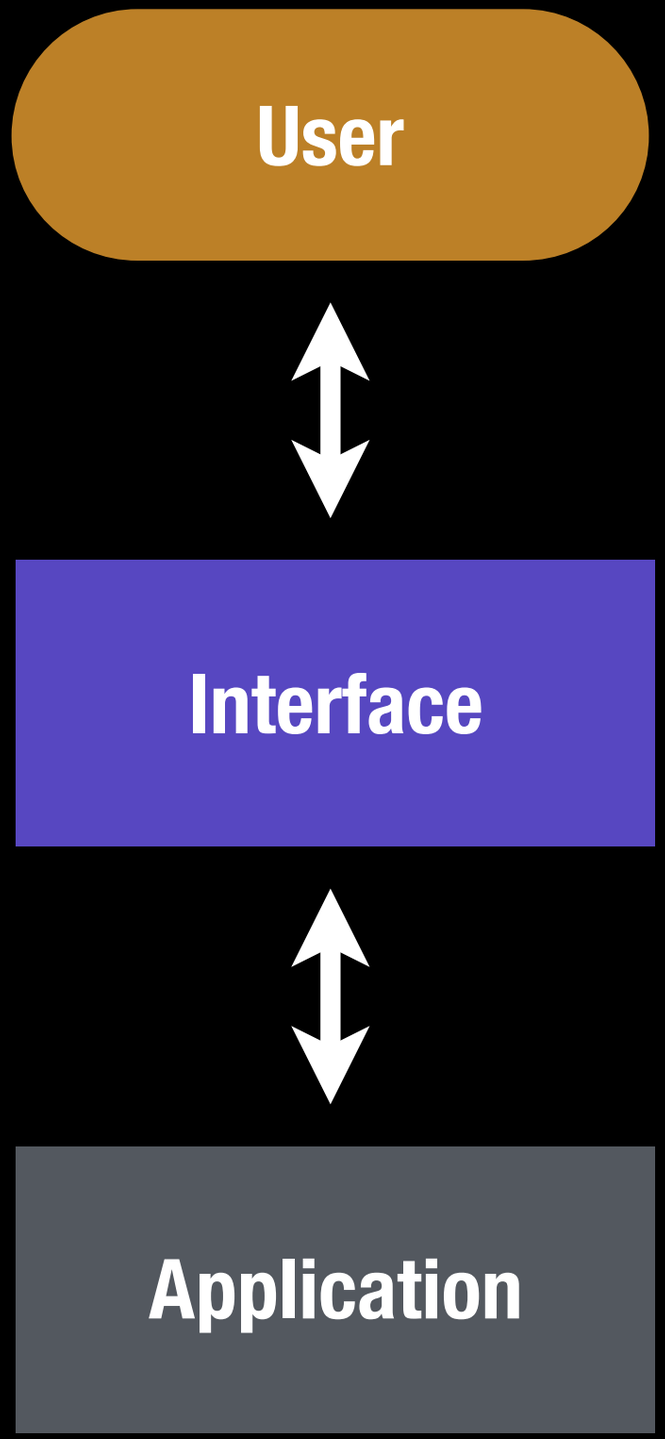
What are we going to talk about?

What are we not going to talk about?

What is a computer?

A box that sits there
and gets warm


User
Application


User
Interface
Application

Command Line

Graphical User Interface

Accessibility

Disability

Accessibility:

Accommodating disabled people.

Physical
Sensory
Cognitive
Invisible

Ableist

Nothing about a computer is inherently inaccessible.

We make computers inaccessible.

Disability

Accessibility:

Accommodating disabled people.

Accessibility:

~~*Accommodating disabled people.*~~

Accessibility:

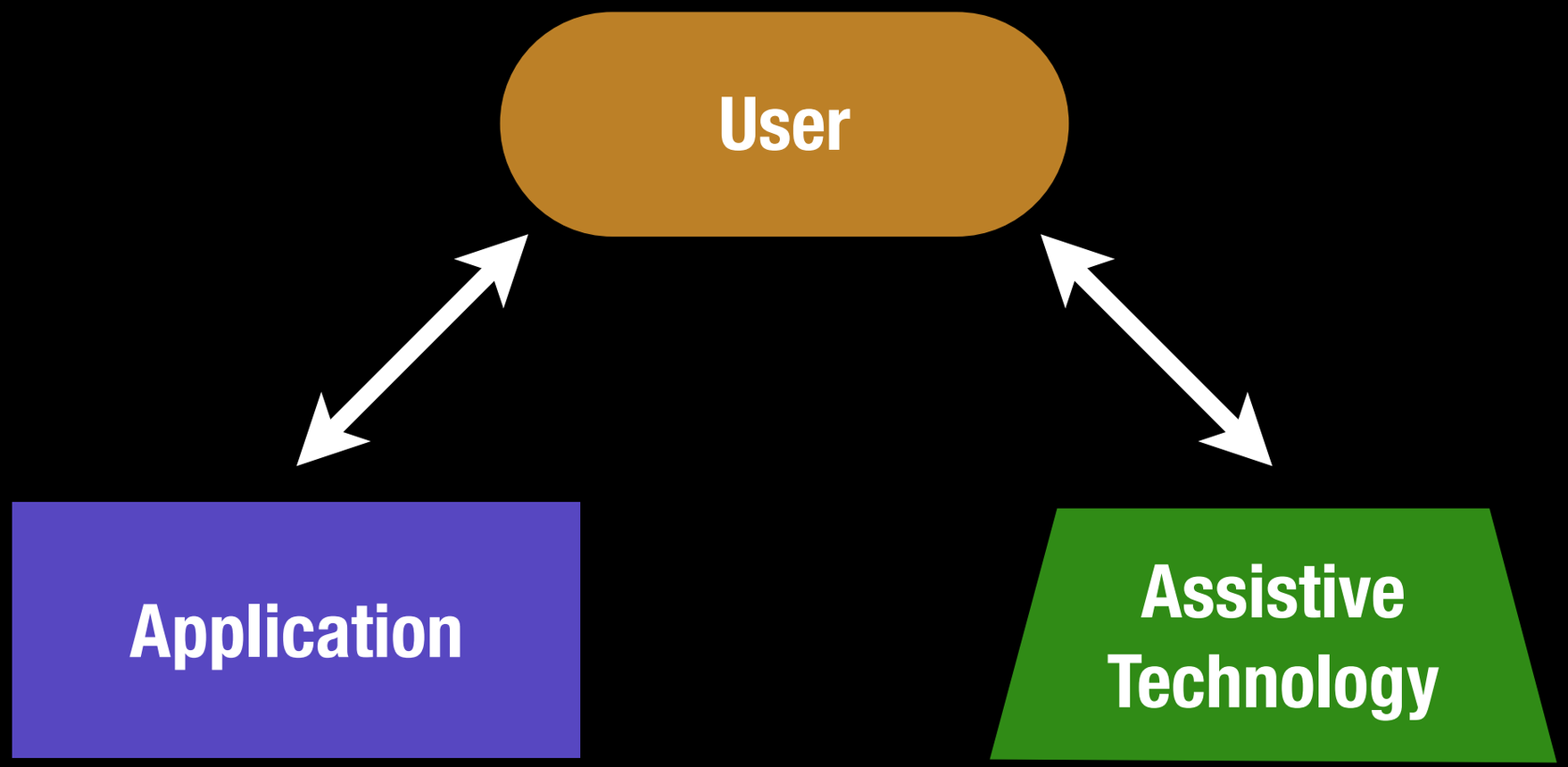
Making software that works for people.

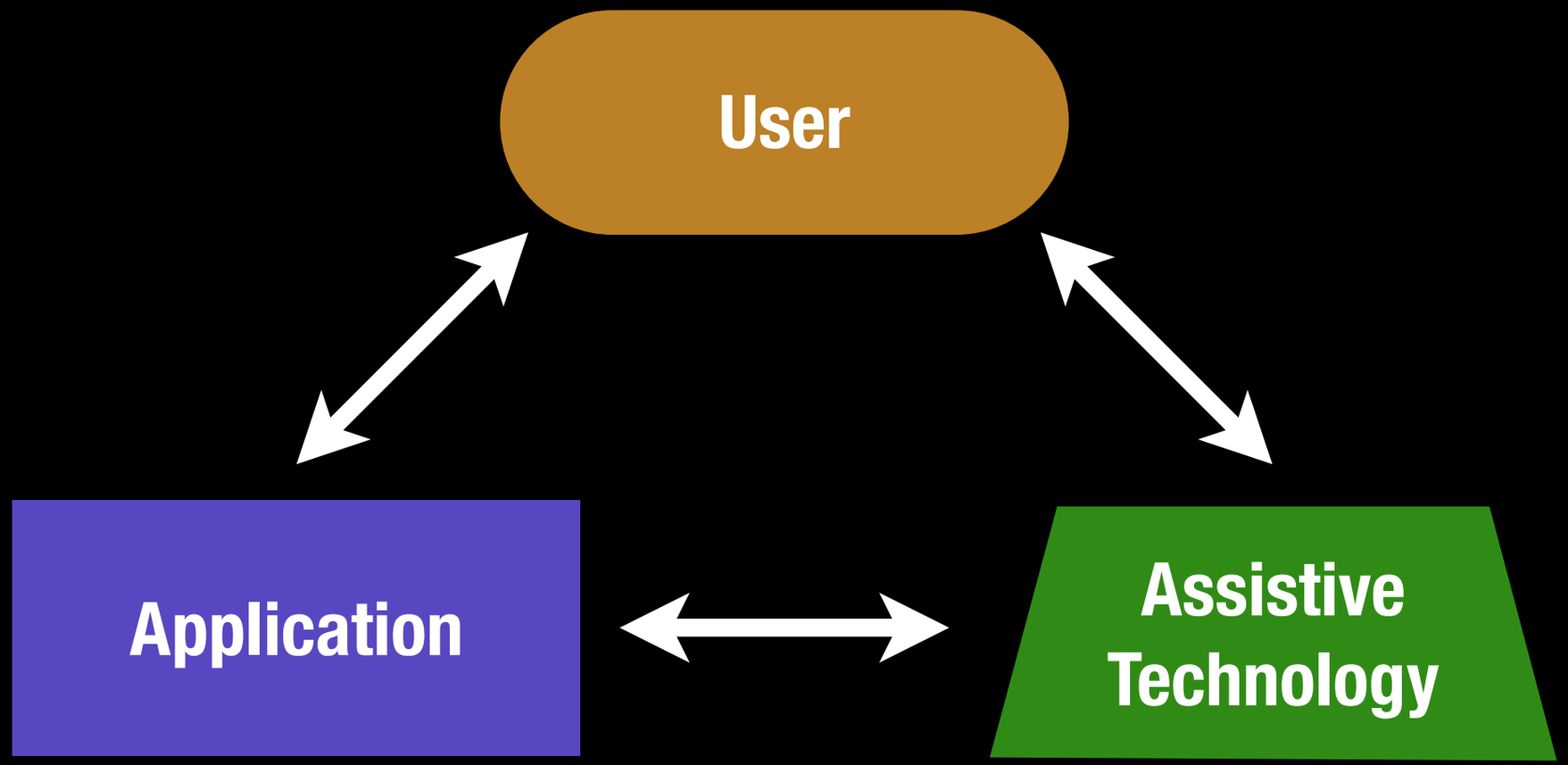
The Impossible Dream

Universal Design

Perceivable
Operable
Understandable
Robust
Tested

Assistive Technologies


User
Application
Assistive Technology


User
Application
Assistive Technology

Accessibility APIs

AT-SPI & ATK

BrITTL & BrIAPI

GTK+

QT

The Secret

600W
500W
約70秒
約120秒

Open Source

“Open source software is software that can be freely used, changed, and shared (in modified or unmodified form) by anyone.”

— Open Source Initiative

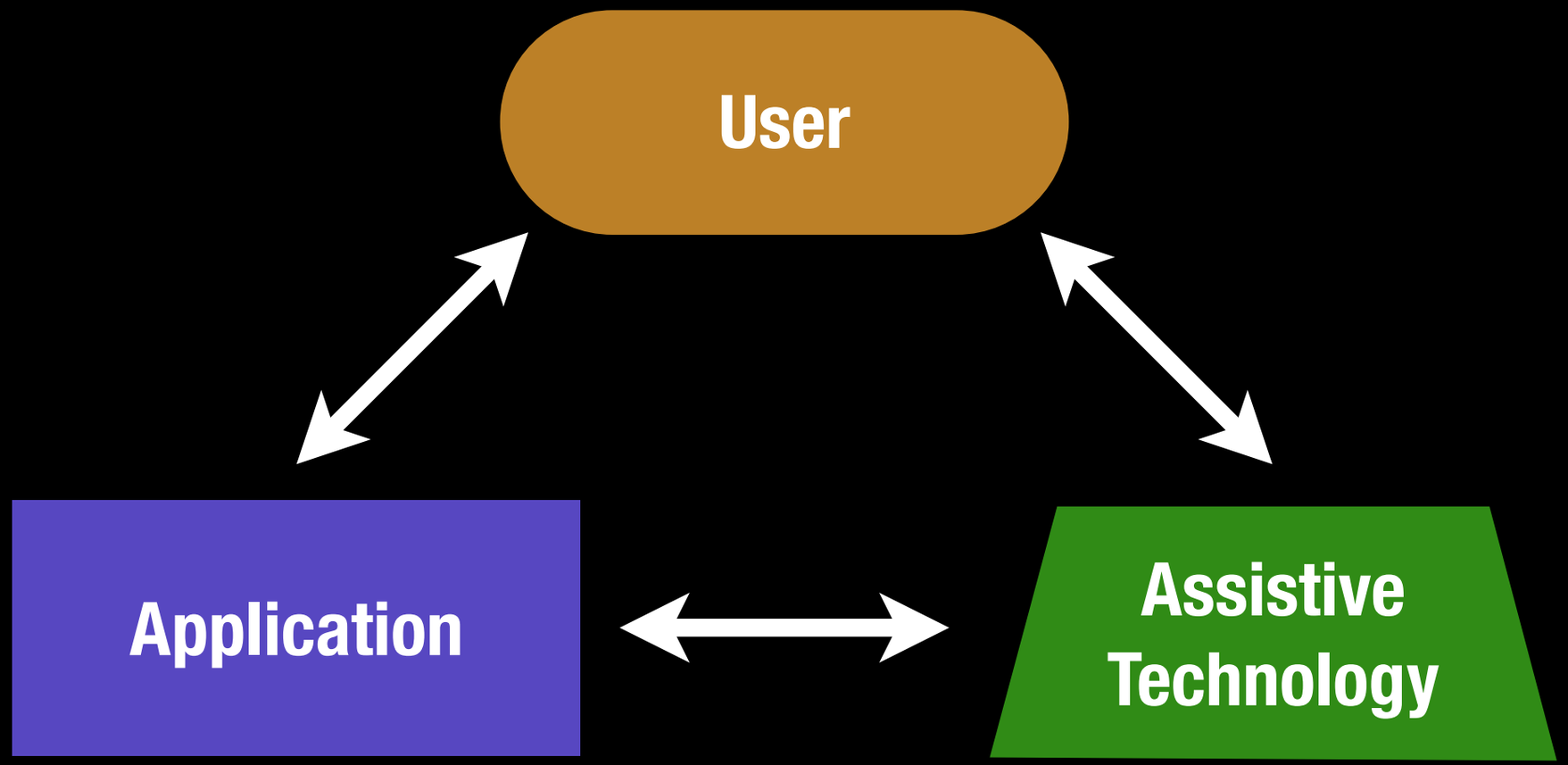
Orca

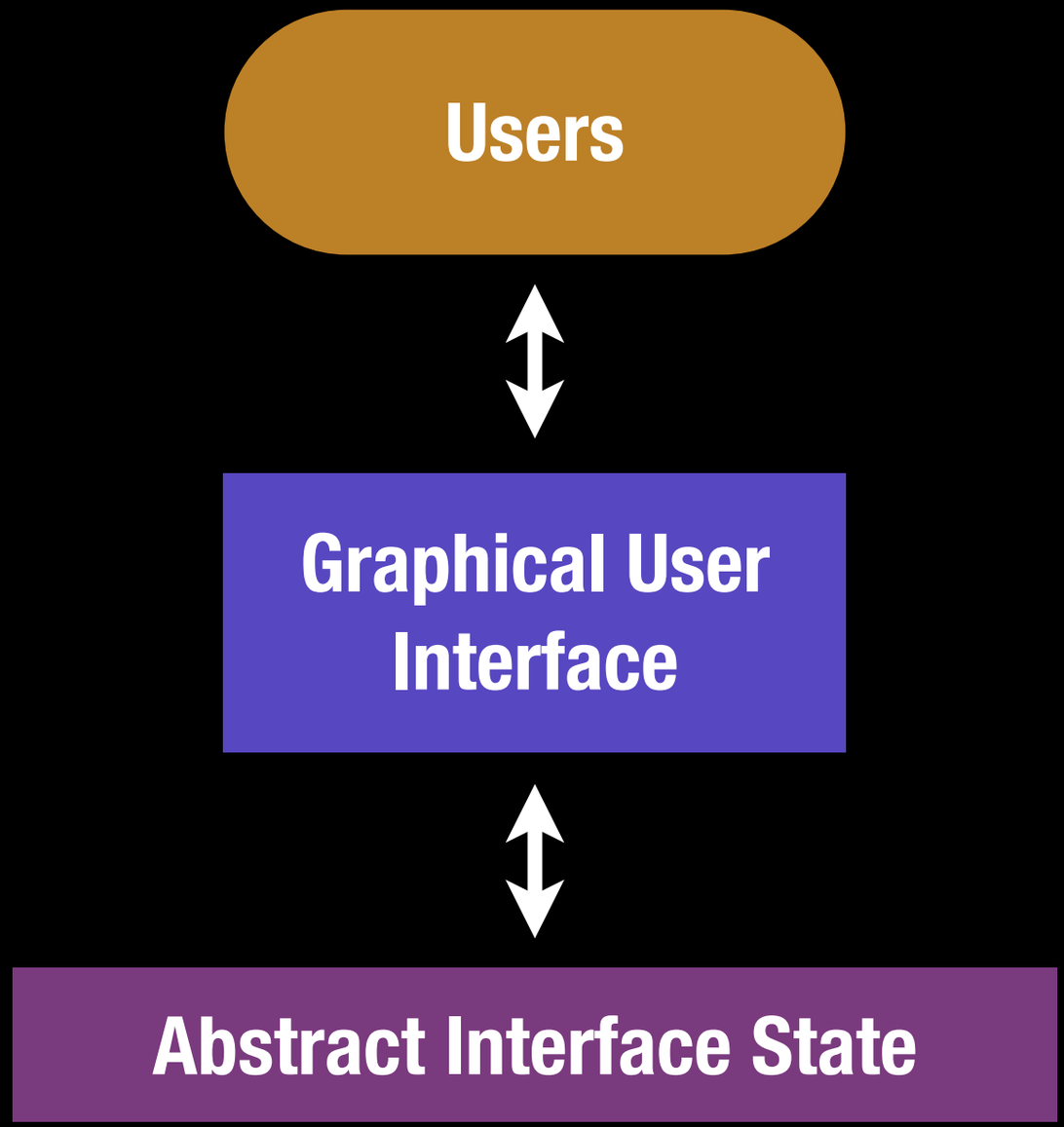
NVDA

aXe

The Future

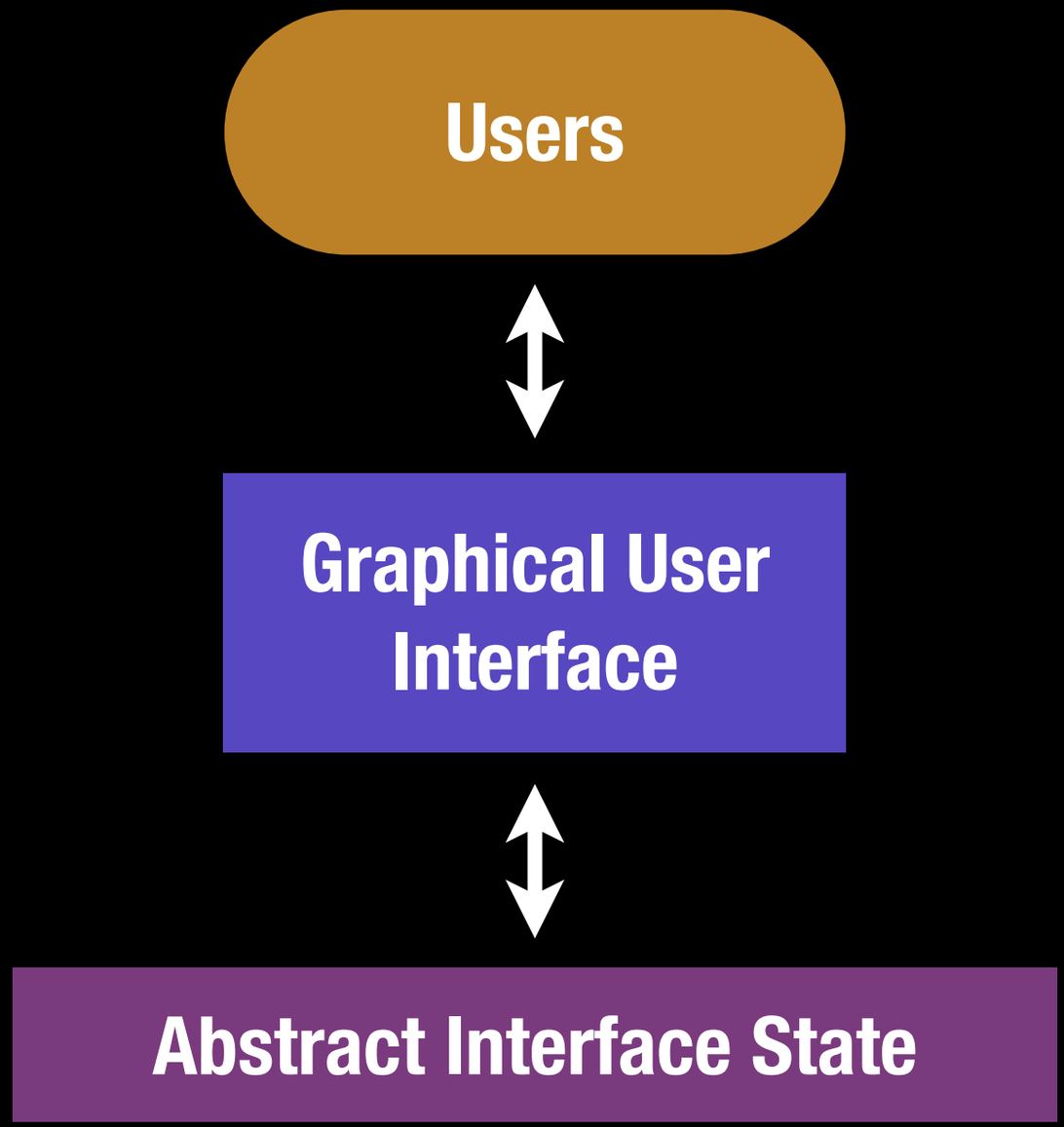
a future

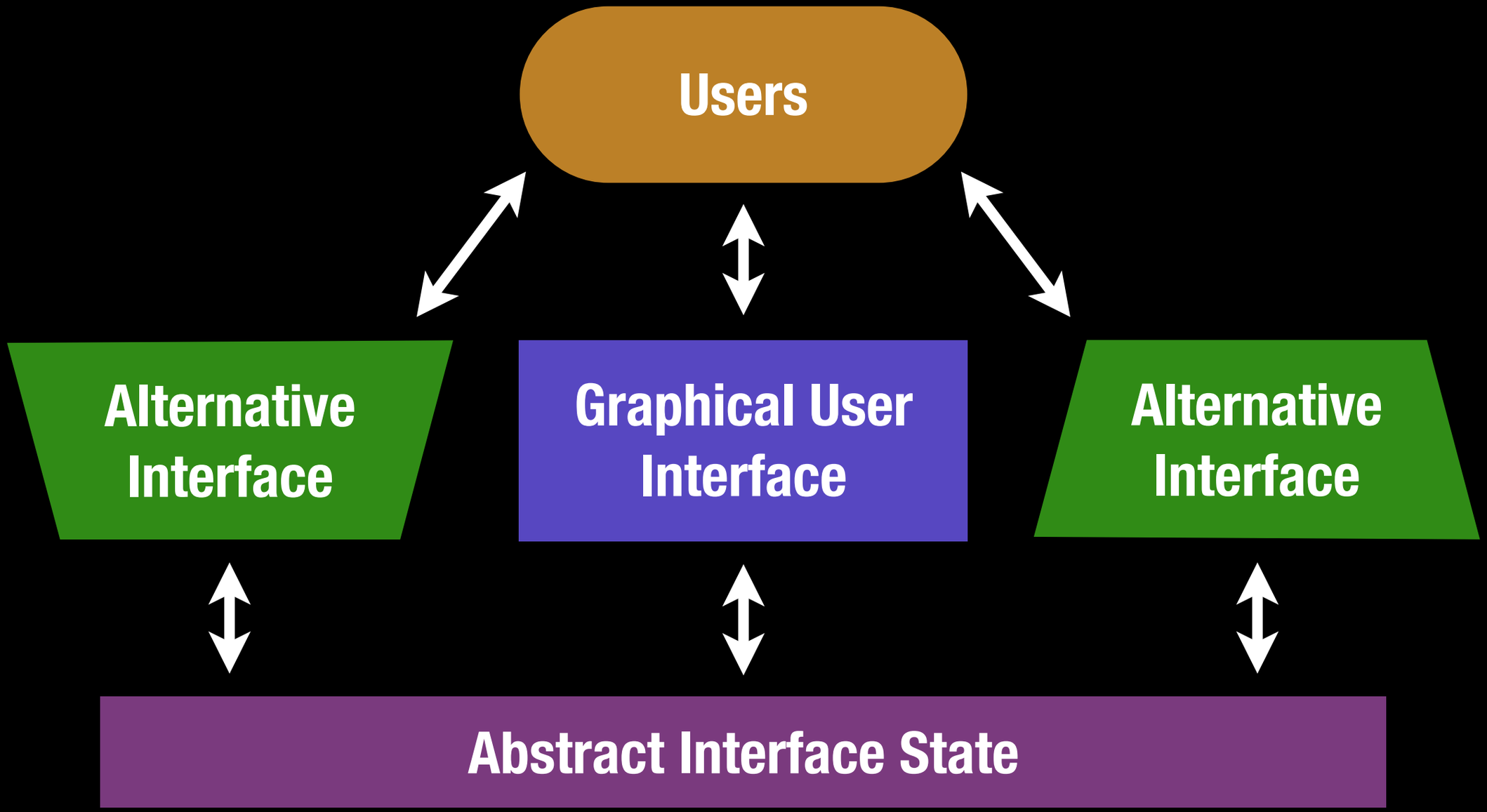

User
Application
Assistive Technology


Users
Graphical User Interface
Abstract Interface State

Abstract Interface State

World Wide Web


Users
Graphical User Interface
Abstract Interface State

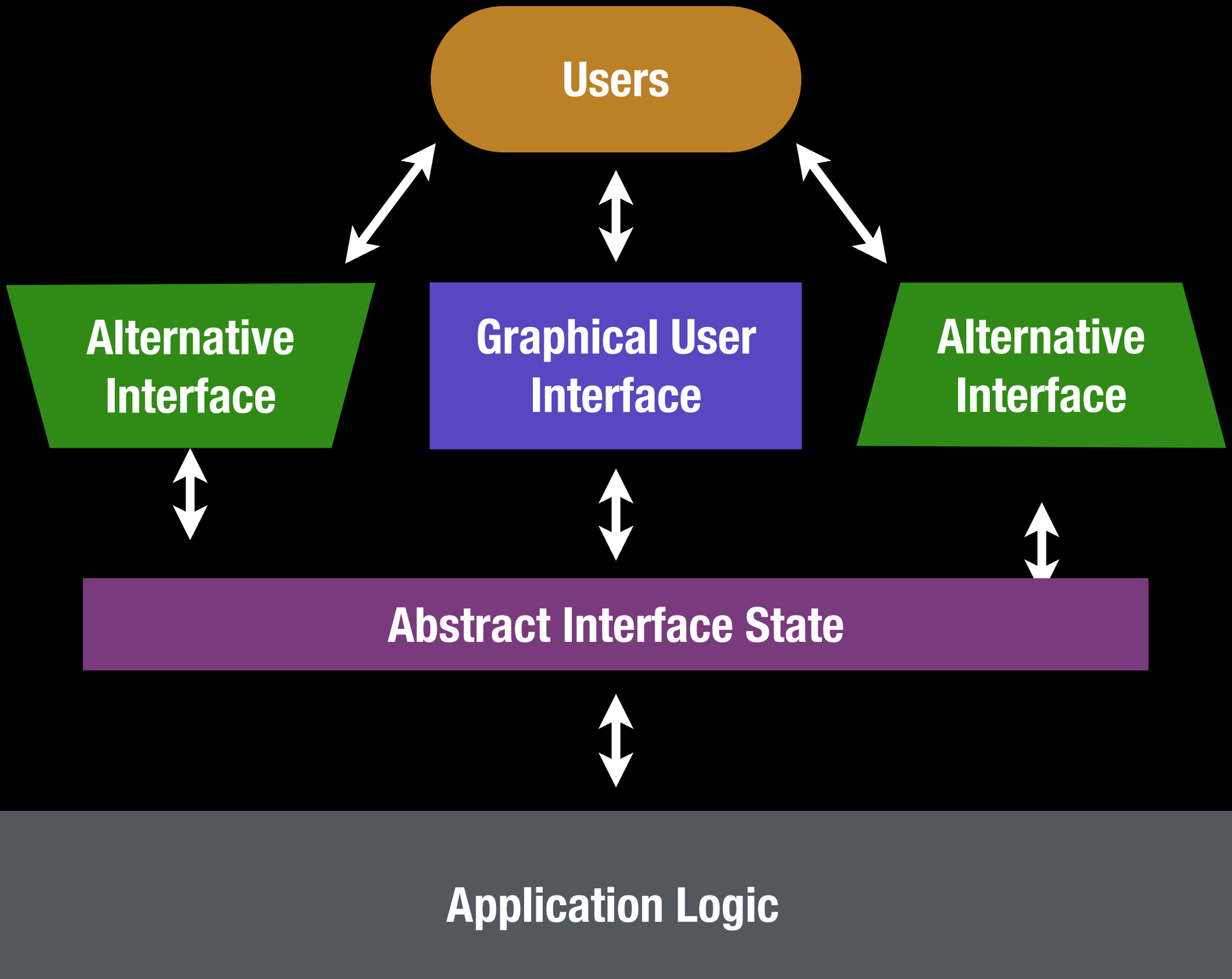

Users
Alternative Interface
Graphical User Interface
Alternative Interface
Abstract Interface State

Users

Graphical User Interface

Abstract Interface State

Application Logic


Users
Alternative Interface
Graphical User Interface
Alternative Interface
Abstract Interface State
Application Logic

Thank you

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Questions?