

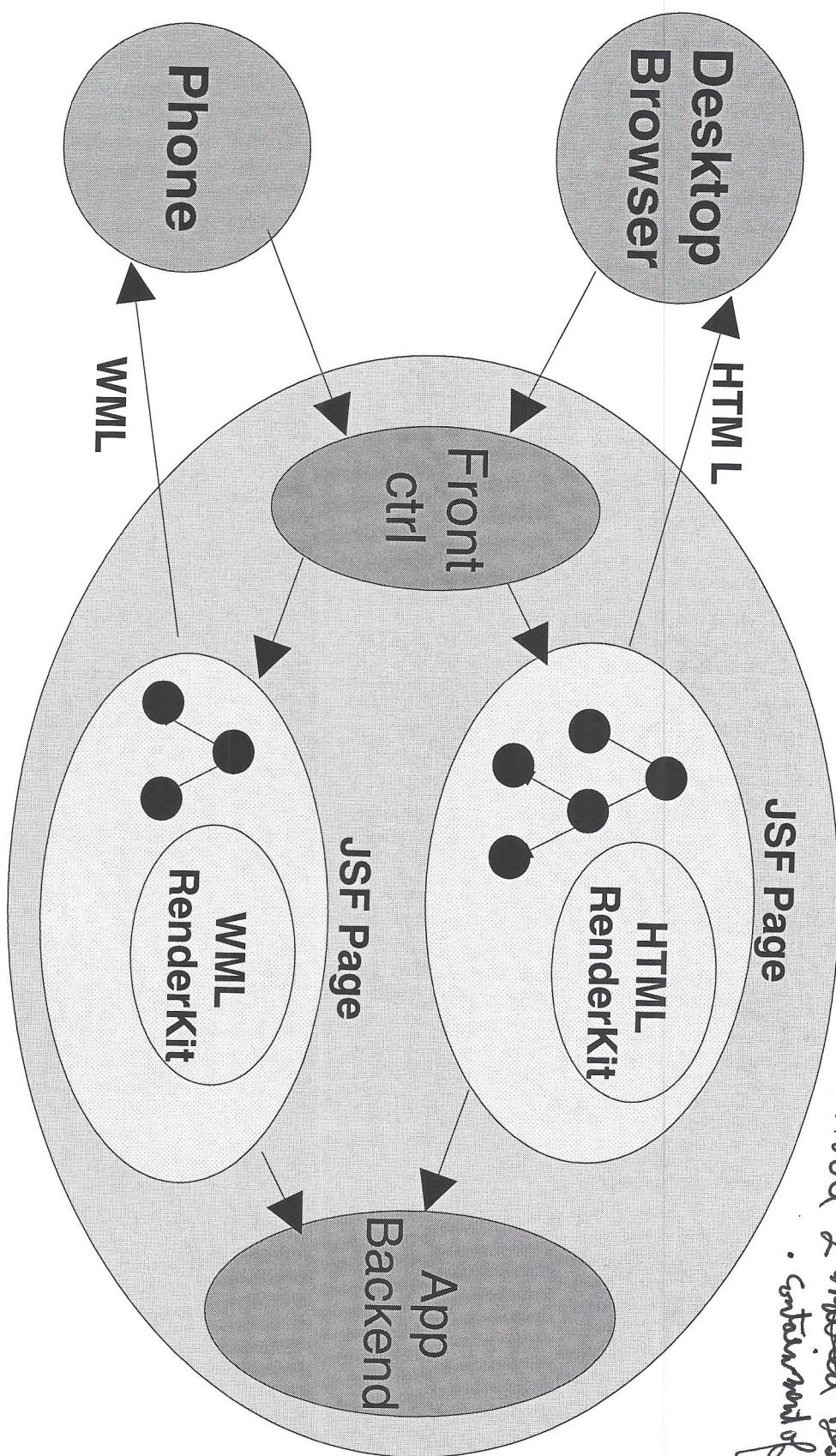
Learning Objectives

- As a result of this presentation, you will understand:
 - JSF's development status *where we are*
 - JSF's goals, customers, and requirements *what we are trying to do*
 - How JSF fits in with existing Java Web technologies *JSP, servlet, Swing, tool*
 - How JSF solves practical *problems* in Web application development *with new input processing*
 - What a JSF app looks like (demo & code!)

JSF Architecture

Let's start out with the overall picture.

- Support for Multiple Classes of Clients
 - Model 2 ~~UI~~ Design
 - Container of Components



Java Community Process Status

- Java Specification Request (JSR) 127 (introduced @ JavaOne '01)
- Large Expert Group
- Lots of change going forward
- Community Draft in the works
- Leveraging Ideas from existing frameworks

127 Expert Group Membership

Aligo, Inc.
Apache Software Foundation
Art Technology Group (ATG)
BEA Systems
Borland Software Corporation
Developmentor
Documentum, Inc.
EDS
Fujitsu Limited
Hewlett-Packard
IBM
ILOG IONA Technologies
PLC
Lutris Technologies
Macromedia, Inc.
Net Decisions Holdings
United
Oracle
SAS Institute
Siemens AG
Silverstream Software
Sun Microsystems, Inc.
WebGain

127 Target Schedule

- Community Draft Summer '02
- Public Draft Fall '02
- Final Draft Winter '02
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- Early Access RI snapshots planned

*Let's talk about where we are.
Rough dates*

JSF Goal & Objectives

- Lower the barriers to entry by establishing **standard UI framework**
 - Hide dirty details
 - Provide well-defined, but extensible, programming model
 - Gain tools support

What problem am I trying to solve?

JSF Must Be...

- Tool friendly
- Client device/protocol neutral
- Usable with JSP
- Usable without JSP
- Usable in context of HTML & today's browsers
- Scalable

What are the requirements we're trying to satisfy