



Austin Group Status

May 2001

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The Open Group

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POSIX is a registered trademark of The IEEE

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Summary



- ❑ **The Austin Group**
- ❑ **JDOCS Procedures**
- ❑ **Membership Growth**
- ❑ **Objectives**
- ❑ **Progress**
- ❑ **Ballot Status**
- ❑ **Plenary Meeting**
- ❑ **Milestones**
- ❑ **Technical Corrigenda**

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The *Austin Group*



- ❑ **The Austin Common Standards Revision Group**
- ❑ **An open industry initiative to revise the core *POSIX standard* and the *Single UNIX Specification*; standards that lie at the heart of today's open systems**
- ❑ **Chair and editors from The Open Group**

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The *Austin Group* (Cont'd)



- ❑ **The *Austin Group* combines the formal standards process of the IEEE and ISO, with the industry standards of The Open Group and the community at large.**
- ❑ **Electronic participation**
- ❑ **Participation in the group is free.**
- ❑ **Draft specifications are available for download to registered members of the group from the world wide web.**

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About the *Austin Group*



- ❑ **475 Participants (as of May 2001)**
- ❑ **Wide industry support,**
 - AT&T, Compaq, Fujitsu, HP, IBM, Lucent, Microsoft, Red Hat, SGI, Siemens, Sun,*
 - DoD, USENIX, Canada Revenue*
- ❑ **Participation in the *Austin Group* from the Open Source community includes**
 - The Linux Standard Base, NetBSD, FreeBSD, and many others.*

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JDOCS Procedures



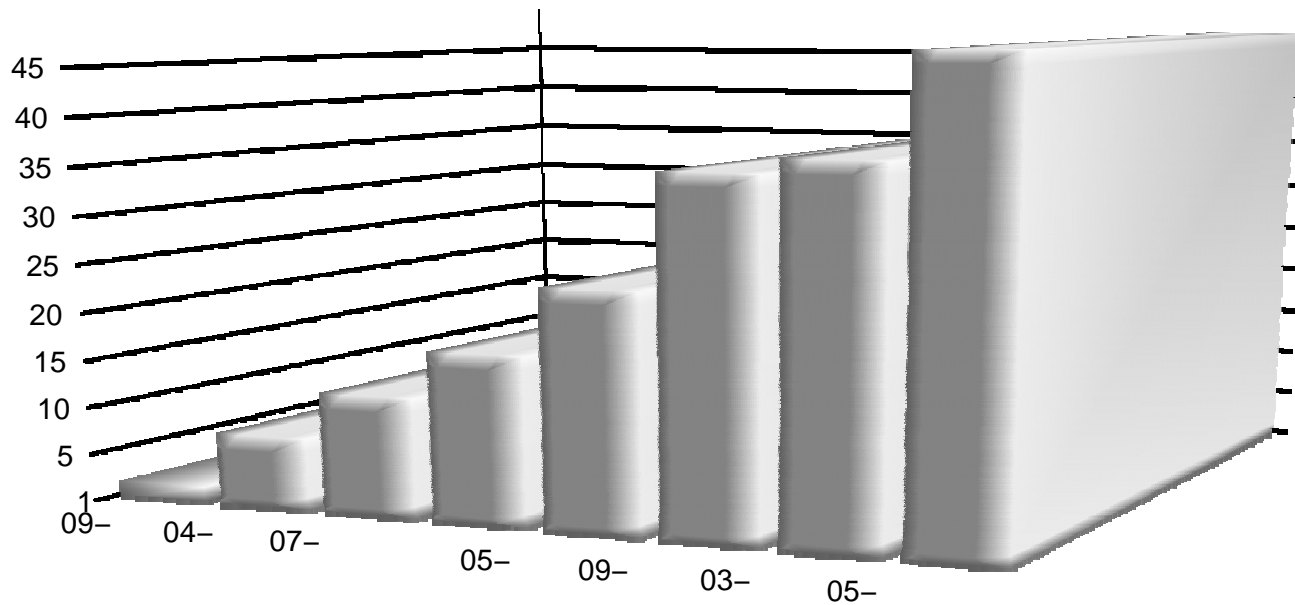
- ❑ **The Austin Group operates under the JDOCS procedures**
- ❑ **Procedures *approved* by the three organizations**
- ❑ **Officers**
 - Chair
 - Three organizational Reps (Ors)

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Membership Growth

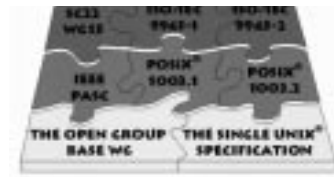


of Members of the Austin Group



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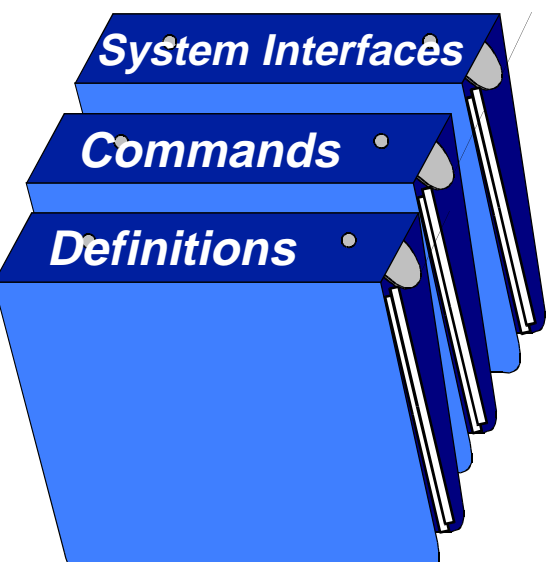
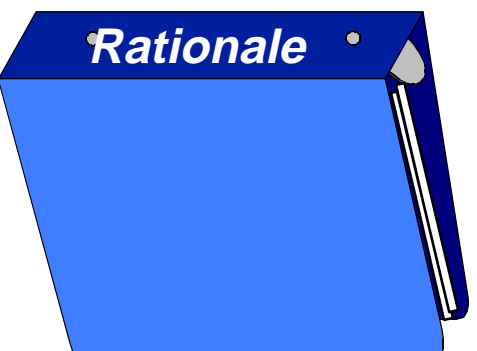
Objectives



- ❑ To target the joint specification at the programmer / user rather than the system implementor
- ❑ Organization based on the Core volumes of the Single UNIX Specification, organized alphabetically, and including Rationale
- ❑ To produce a new standard in year 2001.

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Document Set



Progress



- ❑ **First Meeting Sep 1998 *Austin, Texas***
- ❑ **Agreed the principles and the scope of the project**

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June 1999



- ❑ **MoU signed between The IEEE and The Open Group**
- ❑ **Draft one completed (2500 pages)**
 - based on core volumes of the Single UNIX Specification
 - Alphabetical man pages
 - POSIX options and rationale integrated
 - Terminology Part 1 (shall instead of will)

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October 1999



- **Draft two completed (2700 pages)**
 - Terminology rework part 2 (more shall).
 - Conformance rework

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May 2000



- **Draft three completed (3200 pages)**
 - XNS 5 Version 2
 - *Sockets*
 - *IP Address Resolution*
 - POSIX 1003.2d (Batch Services)
 - POSIX P1003.1a
 - POSIX P1003.2b
 - POSIX 1003.1d *
 - POSIX P1003.1j *
 - Terminology Part 3 (shall vs must)

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October 2000



- **Draft four completed (3590 pages)**
 - *"Feature complete"*
 - POSIX 1003.2q
 - C99 Alignment
 - XRAT volume

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March 2001



- **Draft five completed (3582 pages)**
 - First recirculation*
 - The Open Group company review
 - See reviewers notes for details

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May 2001



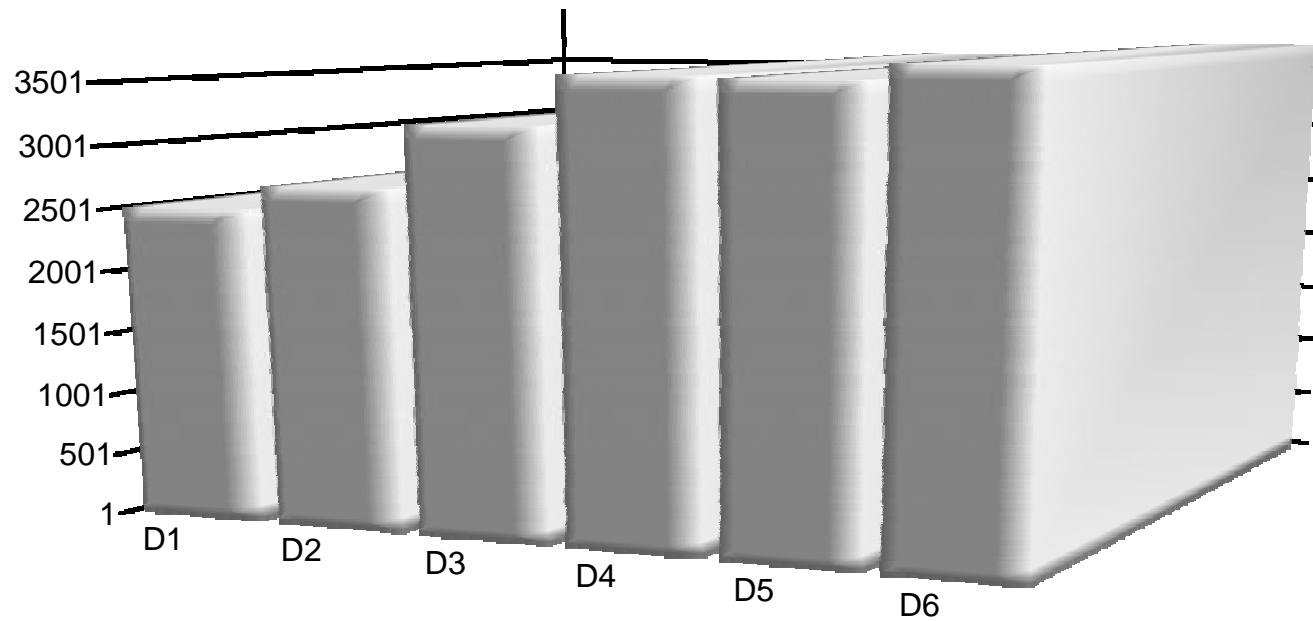
- **Draft six completed (3698 pages)**
 - Second recirculation*
 - See reviewers notes for details
 - Sanity review
 - Narrowing down process in place*

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Page Count



Draft Page count



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Project PAR and Scope



- ❑ Revised PAR approved Sep 21 2000
- ❑ Clarifies the contents of the document

(PAR is an IEEE term, for Project Authorization Request)

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Aardvark Classifications



❑ Objections

—*If you would vote against approval of the submission if that issue is not resolved*

❑ Comments

—*Where you believe a better solution is available, but the issue would not cause you to vote no*

❑ Editorials

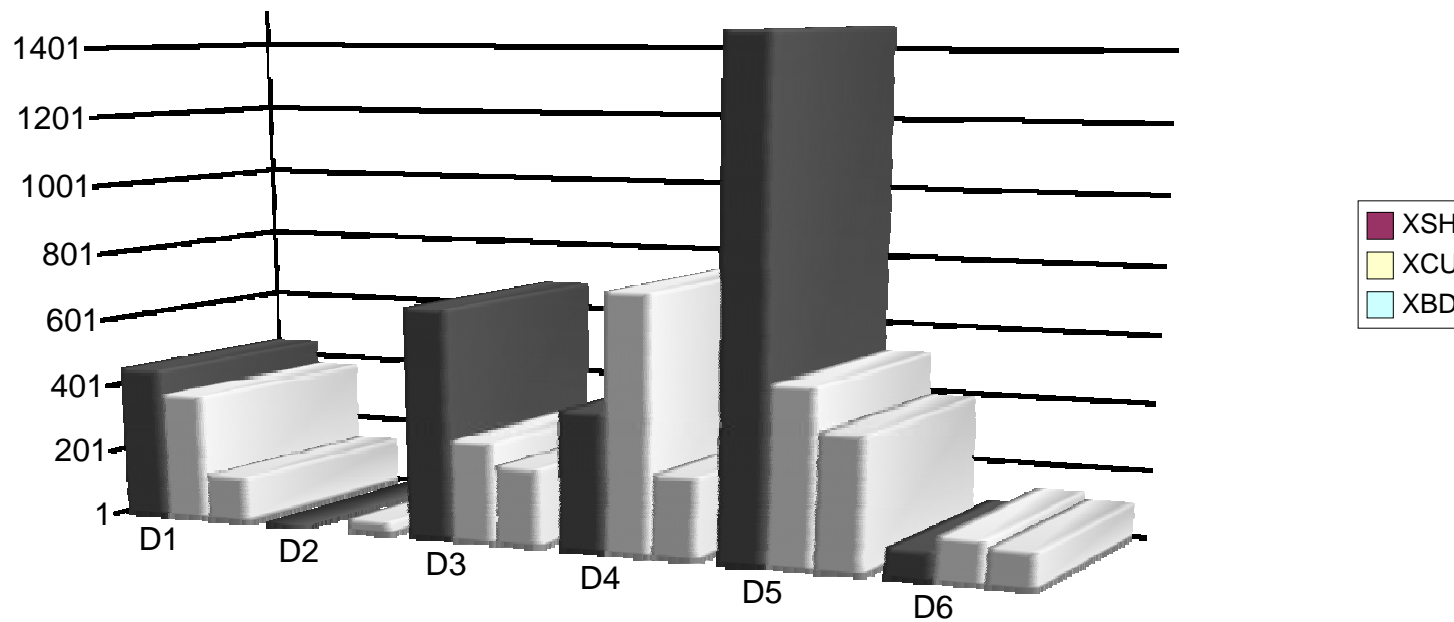
—*Not discussed at the meeting unless the editors wish to*

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Aardvark Totals



Aardvark counts



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Pro-forma Responses



- ❑ R1.Reject: The requirement is from a base document and to change it is out of scope. Bringing it in scope would require an interpretation, corrigenda or resolution from the appropriate body.
- ❑ R2. Reject: this interface is not a candidate for Legacy, the list of Legacy interfaces was considered in March 1999 and is now final. It is widely used in historic practise and deprecating this interface would break the contract with the application developer.
- ❑ R3. Reject: we cannot see the problem at the referenced lines, as such this comment is non-responsive.
- ❑ R4: Reject: no action is specified in the aardvark comment.
- ❑ R5: Reject; The review team disagrees with the problem statement because.. ... {further rationale needed}
- ❑ R6: Reject: The review team believes that accepting the proposed change would decrease consensus.

Ballot Status



- ❑ Draft 4 was the first draft to go for concurrent IEEE and ISO balloting
- ❑ Draft 5 was the Open Group company review draft

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IEEE Ballot Status D4



Number of members of ballot pool: 66

Affirmative votes : 34

Negative votes : 15

Abstention votes : 9

Votes cast = 58 = 87% return, 15% abstain

34 Affirmative, 15 Negative = 49 votes

%Age Affirmative= 69%

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IEEE Ballot Status D5



Number of members of ballot pool: 66

Affirmative votes : 43

Negative votes : 9

Abstention votes : 8

Votes cast = 60 = 90% return, 13% abstain

43 Affirmative, 9 Negative = 52 votes

%Age Affirmative= 82%

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IEEE Ballot Status D6



Number of members of ballot pool: 66

Affirmative votes : 49

Negative votes : 5

Abstention votes : 7

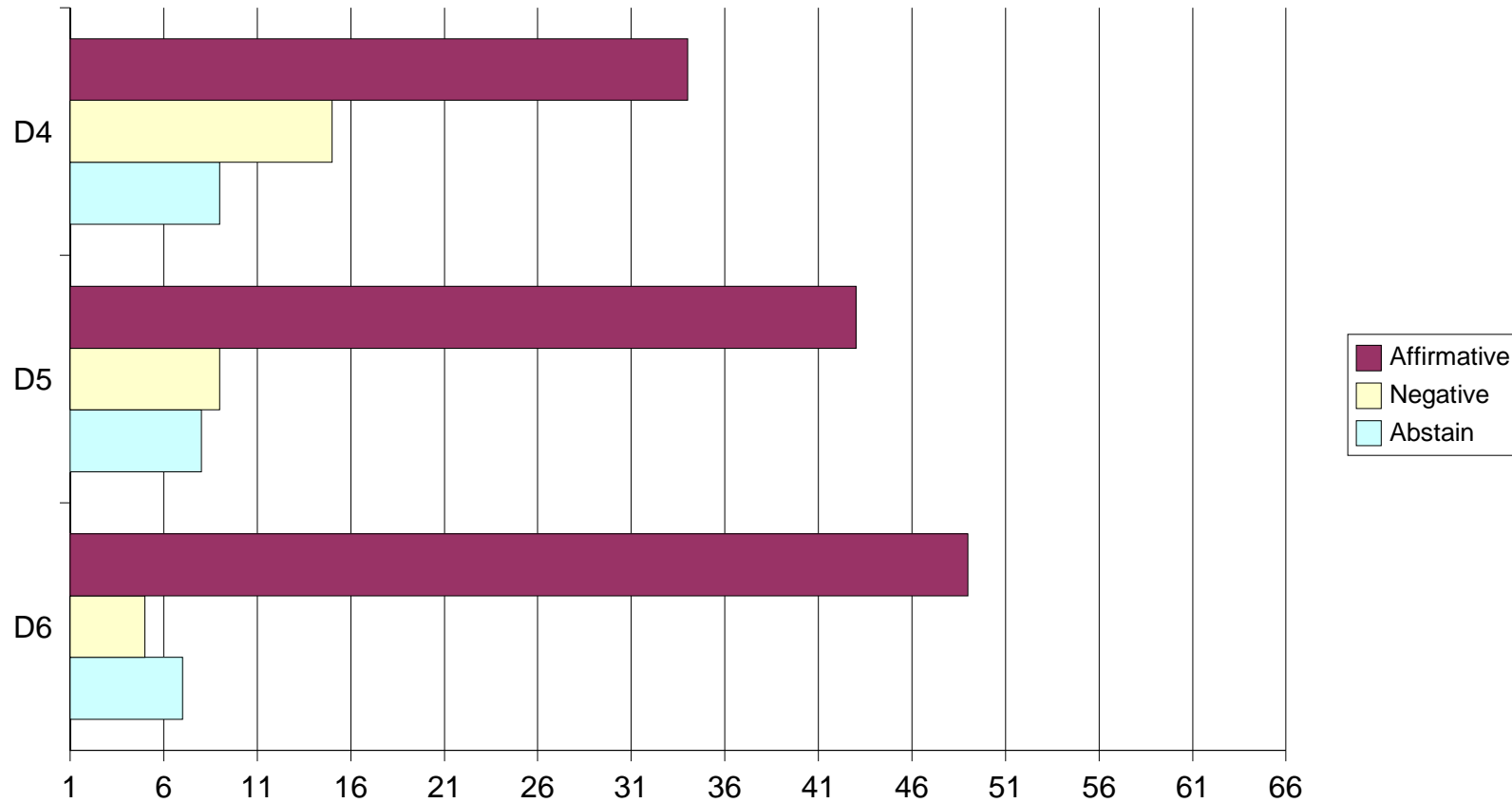
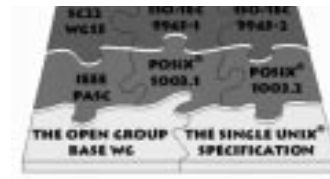
Votes cast = 61 = 92% return, 11% abstain

49 Affirmative, 5 Negative = 54 votes

%Age Affirmative= 90%

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IEEE Ballot Summary



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ISO Ballot Status



□ ISO Status

—Draft 4 submitted for FCD

- *1 negative vote : Canada*

—Draft 6 submitted as FCD2

—July 29 Draft will be submitted as FDIS

—Target approval in December

—*Due to the nature of the Austin Group collaboration all the ISO comments should already have been addressed*

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The Open Group Ballot Status



□ The Open Group Ballot Status

—Draft 5 : Company review draft

□ *Consensus achieved*

—Collaborating with joint process, so plans to synchronize approval co-joint with draft sent to IEEE Standards Board

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Plenary Meeting



- ❑ **Primary goal to review change request reports for each volume**
- ❑ **Some items have been predisposed with *Ed Recommendations***
- ❑ **Need to follow the narrowing down process to close the standard out**
- ❑ **Some items may need to be punted to TC1**

Milestones



- ❑ **Austin/6X : *Joint Revision Project Timeline***
- ❑ **April ~~20~~¹⁷th Sanity Draft 6**
- ❑ **Review April ~~23~~ 18 thru May ~~23~~ 21**
- ❑ **Review meeting May ~~29–31~~ June 1 Reading UK**
- ❑ **Final draft 7 June 15th**
- ❑ **10 day recirculation at IEEE**
- ❑ **Targeting July 29th submittal to IEEE Standards Board, Approval Sep 12th**

Technical Corrigenda



□ Purpose

- To collect and fix any defects found in the document prior to December approval at ISO.
- Ideal plan would be to incorporate TC1 in the publication.

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Further Information



- ❑ **The Austin Group**
 - <http://www.opengroup.org/austin>
- ❑ **The IEEE PASC Web Site**
 - <http://www.pasc.org>
- ❑ **The Single UNIX Specification**
 - <http://www.UNIX-systems.org>

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How You Can Help?



- ❑ To participate in the *Austin Group*, send email to
 - austin-group-request@opengroup.org* with the word *subscribe* in the subject line
- ❑ Visit the web site
 - <http://www.opengroup.org/austin/>*

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