

Basic Version 1.1 Java

- New 'miscellaneous' features:
 - ◆ deprecated features
 - ☞ @deprecated javadoc tag
 - ☞ class file also tagged, so compiler can warn if deprecated features used
 - ◆ desktop colours
 - ☞ java.awt.SystemColor class
 - activeCaptionText, textHighlightText, windowBorder, etc.
 - ◆ internationalisation
 - ☞ Unicode 2.0
 - ☞ java.util.Locale class
 - from Taligent's National Language Support system
 - also java.text.*; java.io enhancements

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◆ “blank finals”

- ☞ don't need to be initialized when declared; fixed according to first value assigned to them
 - care needed to ensure this in complex situations
 - compiler's path analysis ensures set before use
 - across multiple constructors, for instance

◆ extended use of final keyword

- ☞ was at class level only
 - local variables may now be final
 - clearer
 - access may be more efficient?
 - also in catch clause
 - also method parameters

```
public class Finals
{
    final int theFinal;

    public Finals ()
    {
        // do lots of stuff...
        theFinal = 0;
    }

    public Finals (boolean choice)
    {
        if (choice)
            theFinal = 1;
        else
            theFinal = 0;
        // do other stuff...
    }
}
```

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◆ anonymous arrays

- ☞ might be useful for simulating variable number of parameters?

```
long total = sum (new int [] {1, 2, 3, 4, 5});  
stdout.println (new char [] {'h', 'i'});
```

◆ wrappers for Byte, Short, Void types

- ☞ previously lacking
 - all basic types now wrapped
- ☞ *“The Void class is an uninstantiable placeholder class to hold a reference to the Class object representing the primitive Java type void.”*