

What is Java Technology?

This diagram is a model of Java™ technology. The diagram explains Java technology by placing it in the context of related concepts and examples, and by defining its major components and the connections between them.

The diagram is intended to help developers who are familiar with one part of the Java platform understand other parts. It relates unfamiliar technologies to ones with which developers may already be familiar.

Concept Maps

The diagram takes the form of a concept map – a web of linked terms showing both overall structure and details. By showing everything – the forest and the trees – in a single view, concept maps help people visualize mental models and clarify thoughts.

In concept maps, verbs connect nouns to form propositions. Examples and details accompany the terms. More important terms receive visual emphasis; less important terms and examples are in gray. Purple terms and purple lines indicate a process.

Developers

may submit or comment on a ... Java Specification Request > 3 who are members of the Java Community Process serve on ... expert groups > 5 form ... Java developer communities > 4 comment on a ... public draft > 6 participate in the ... Java Community Process > 4 may request revisions from the ... maintenance lead > 7 who are members of the JCP elect the ... executive committee > 8 often use ... development environments > 15 participate in the ... development process > 14

learn and use

Java

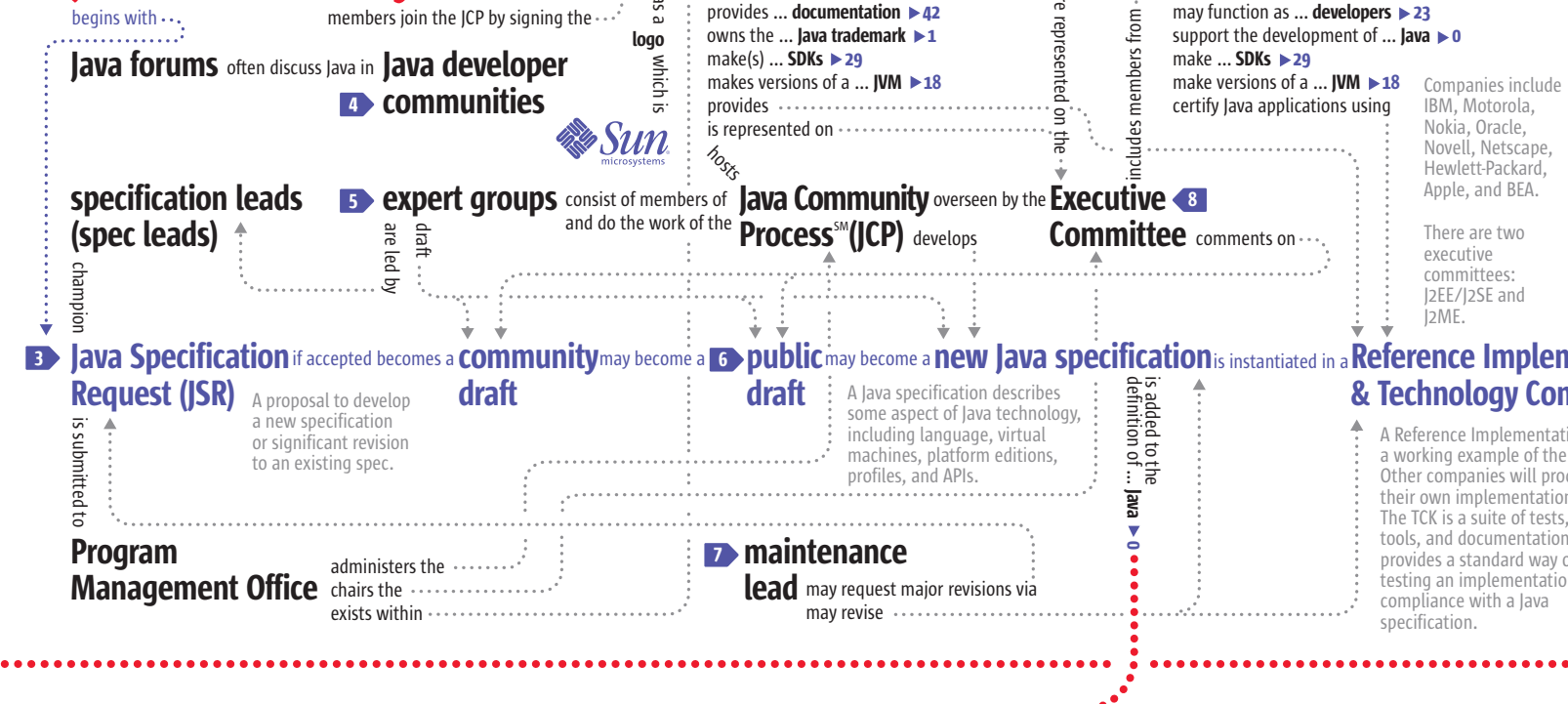
to create and run programs

features and benefits

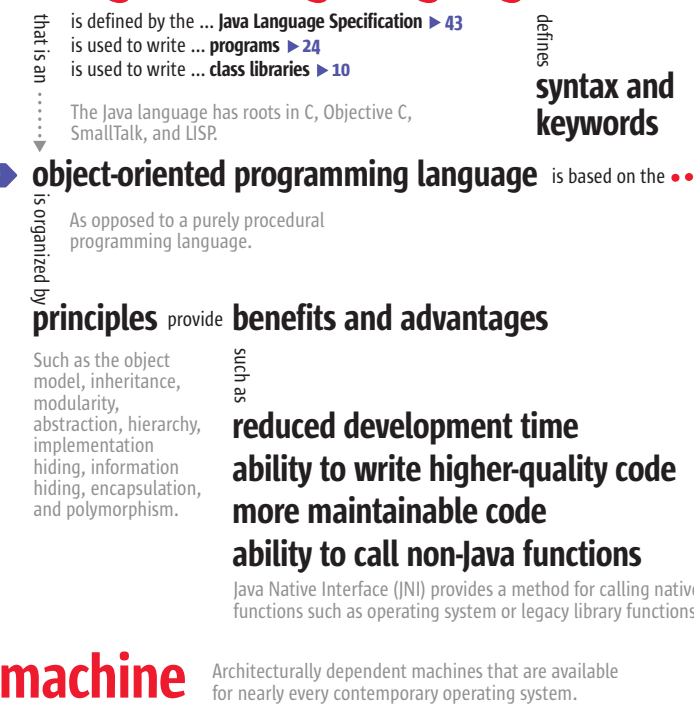


logo
trademark
object-oriented programming language > 9
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Java virtual machine > 18

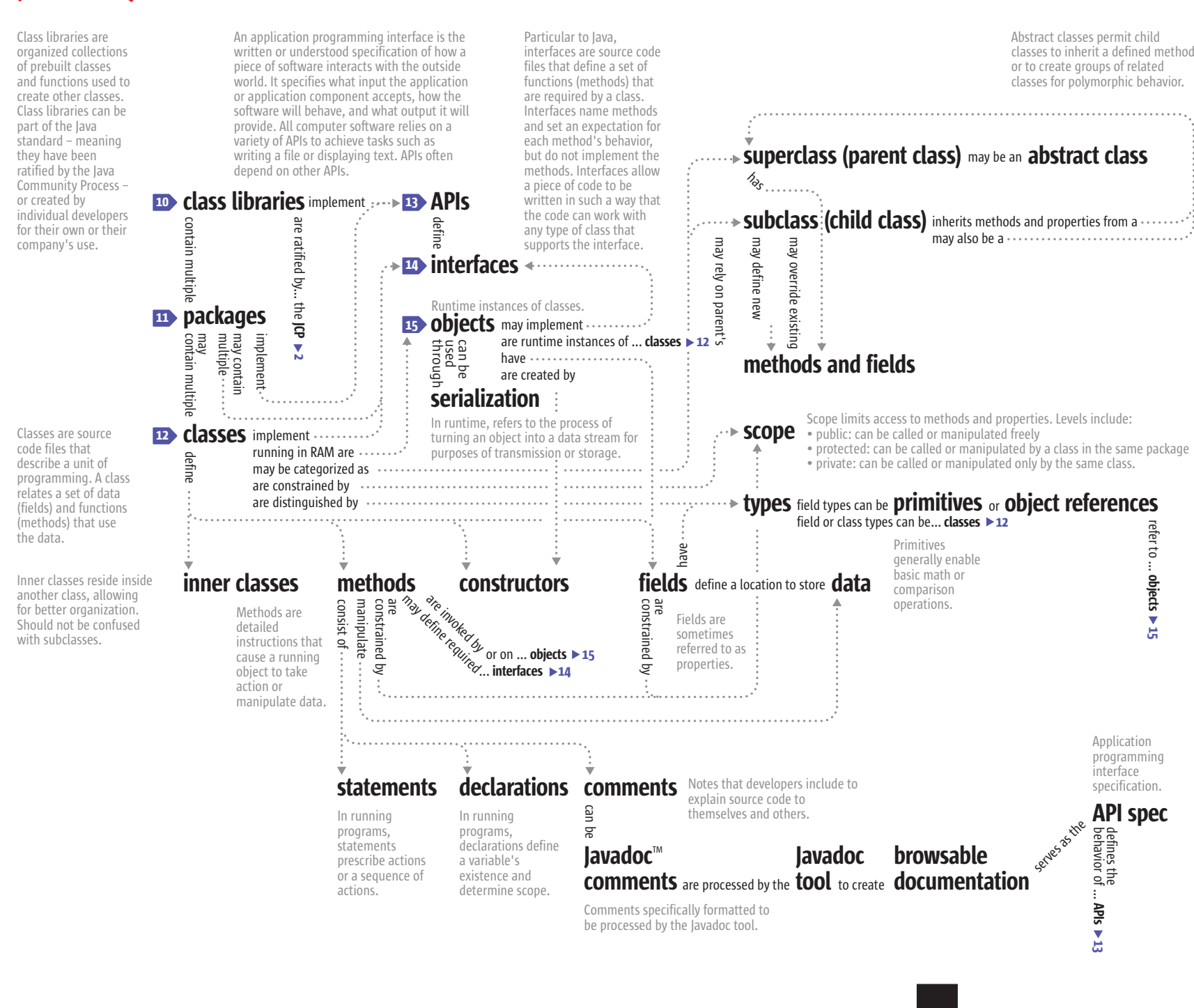
Java Community Process™



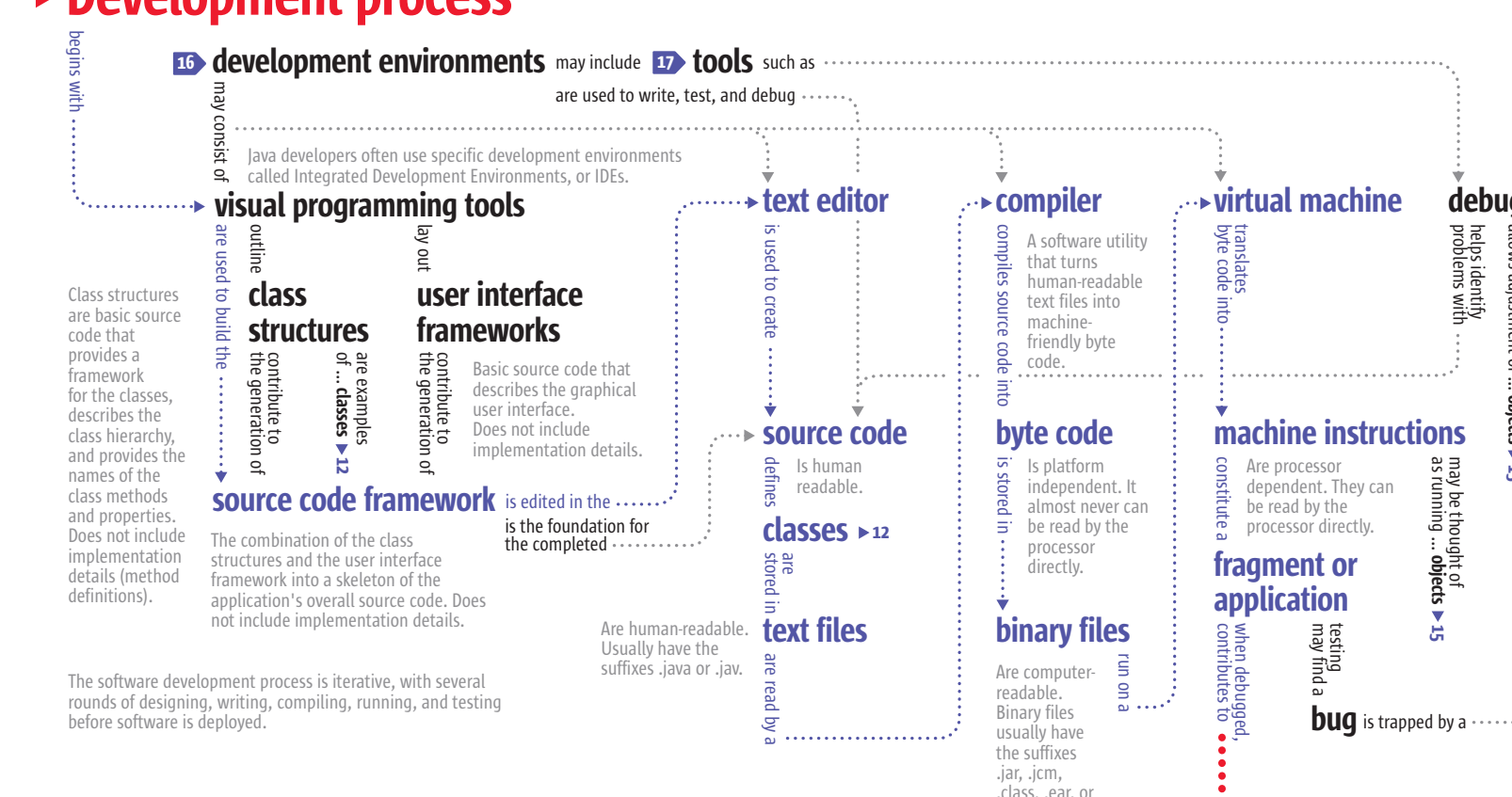
Programming language



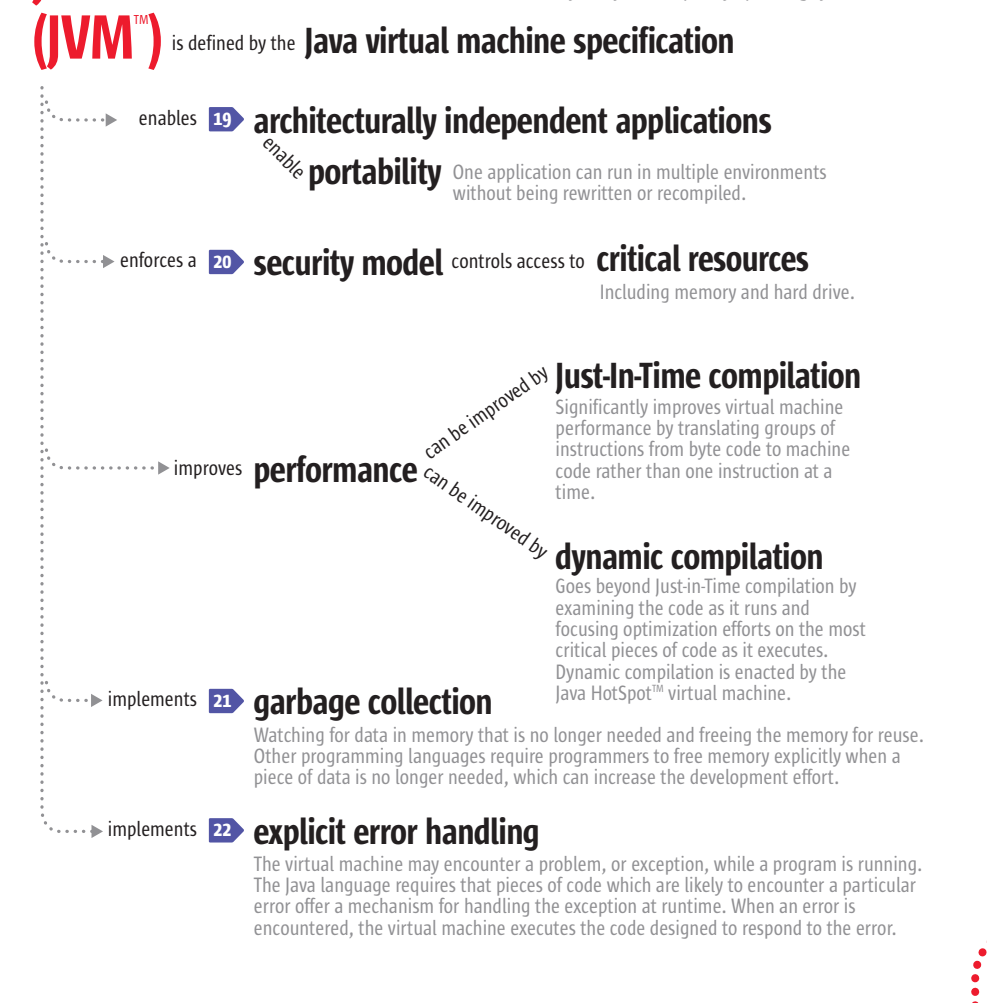
Java object model



Development process



Java virtual machine (JVM)



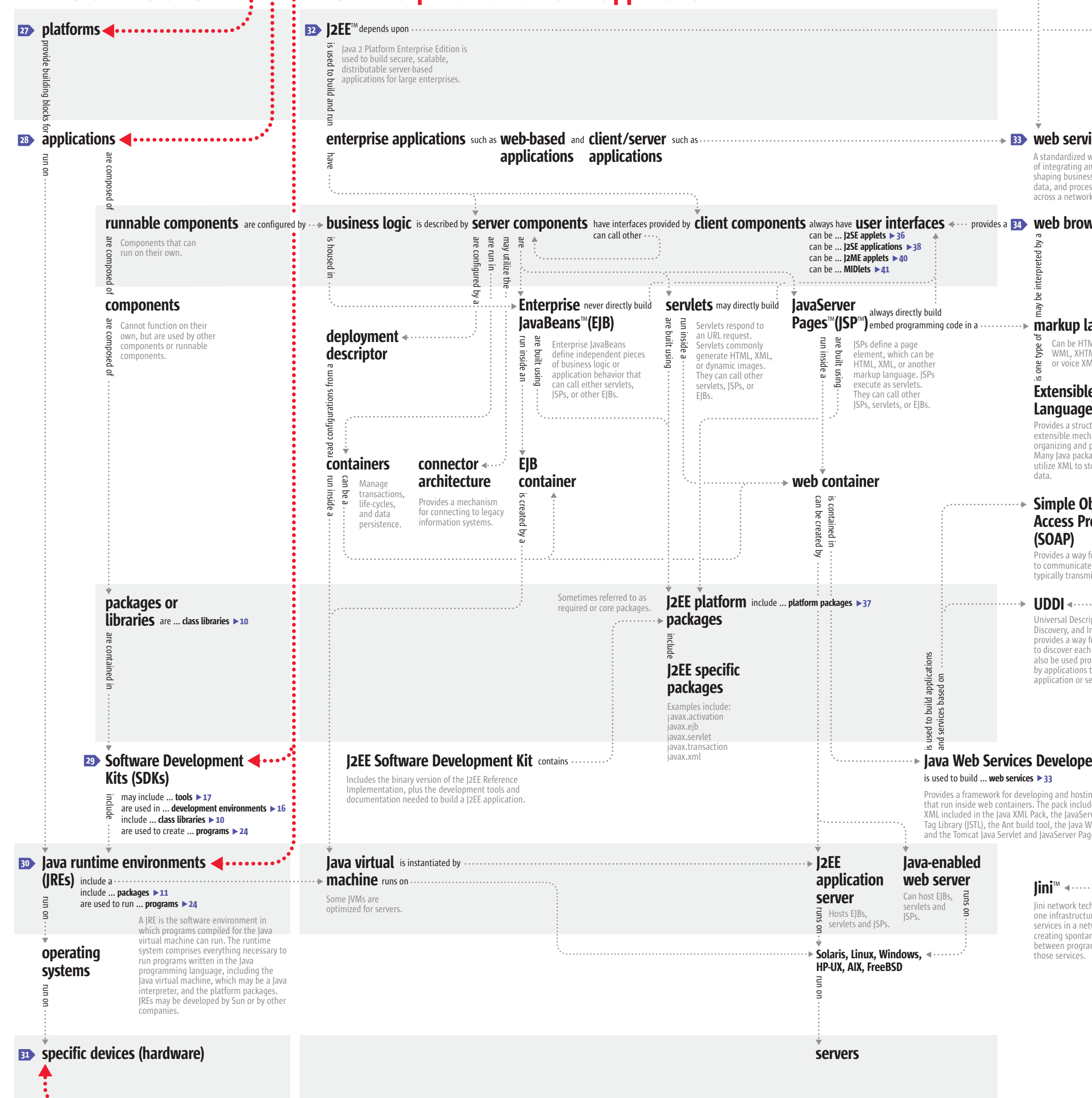
programs that make devices and the internet

and the internet
Java technology is especially useful in devices that are connected by a network.
are used by ... services > 26 support ... hardware > 26 support ... services > 26 support ... web services > 33

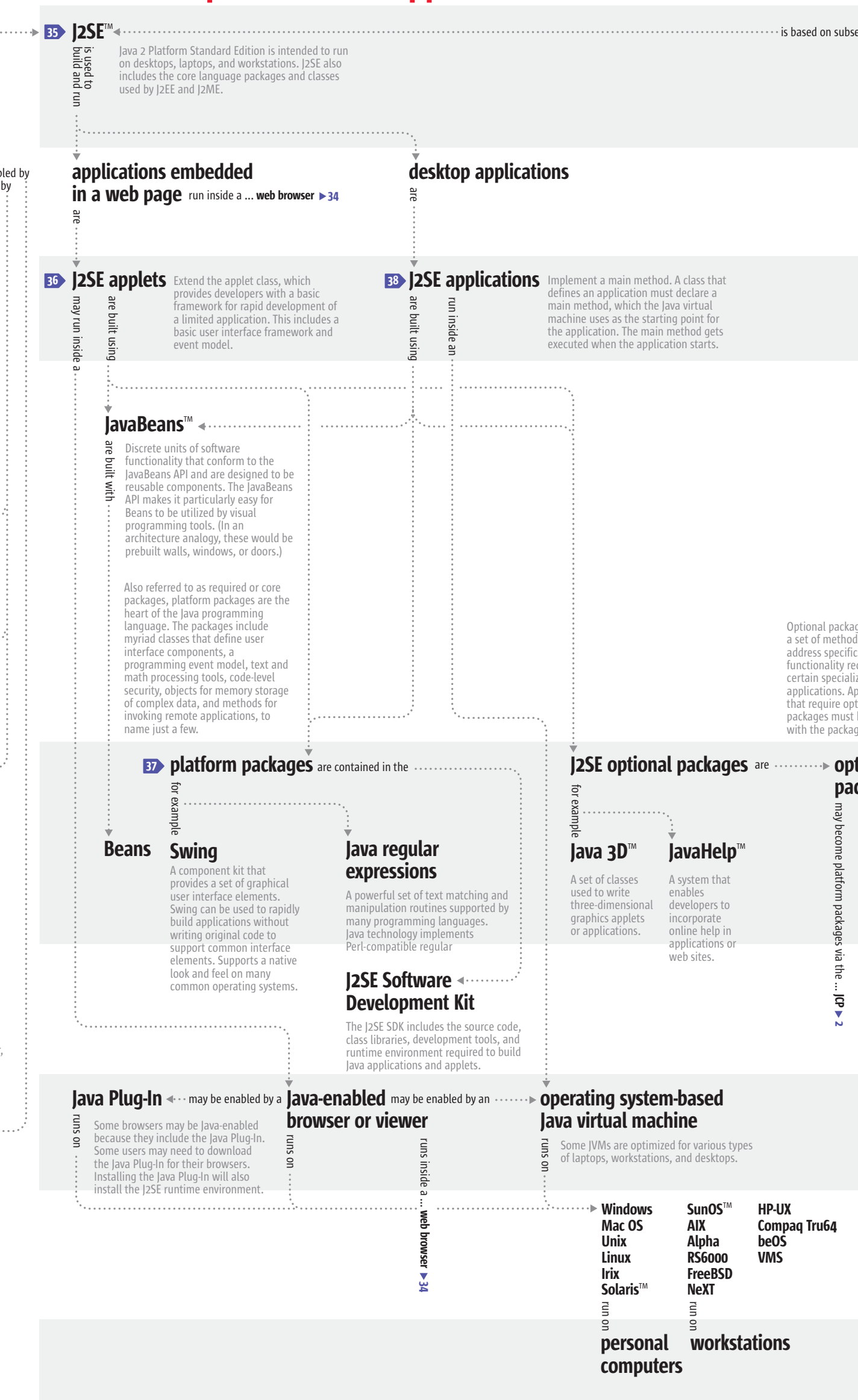
people

useful for
may download and install ... JRE > 30 often own ... hardware > 31 of whom are ... developers > 23

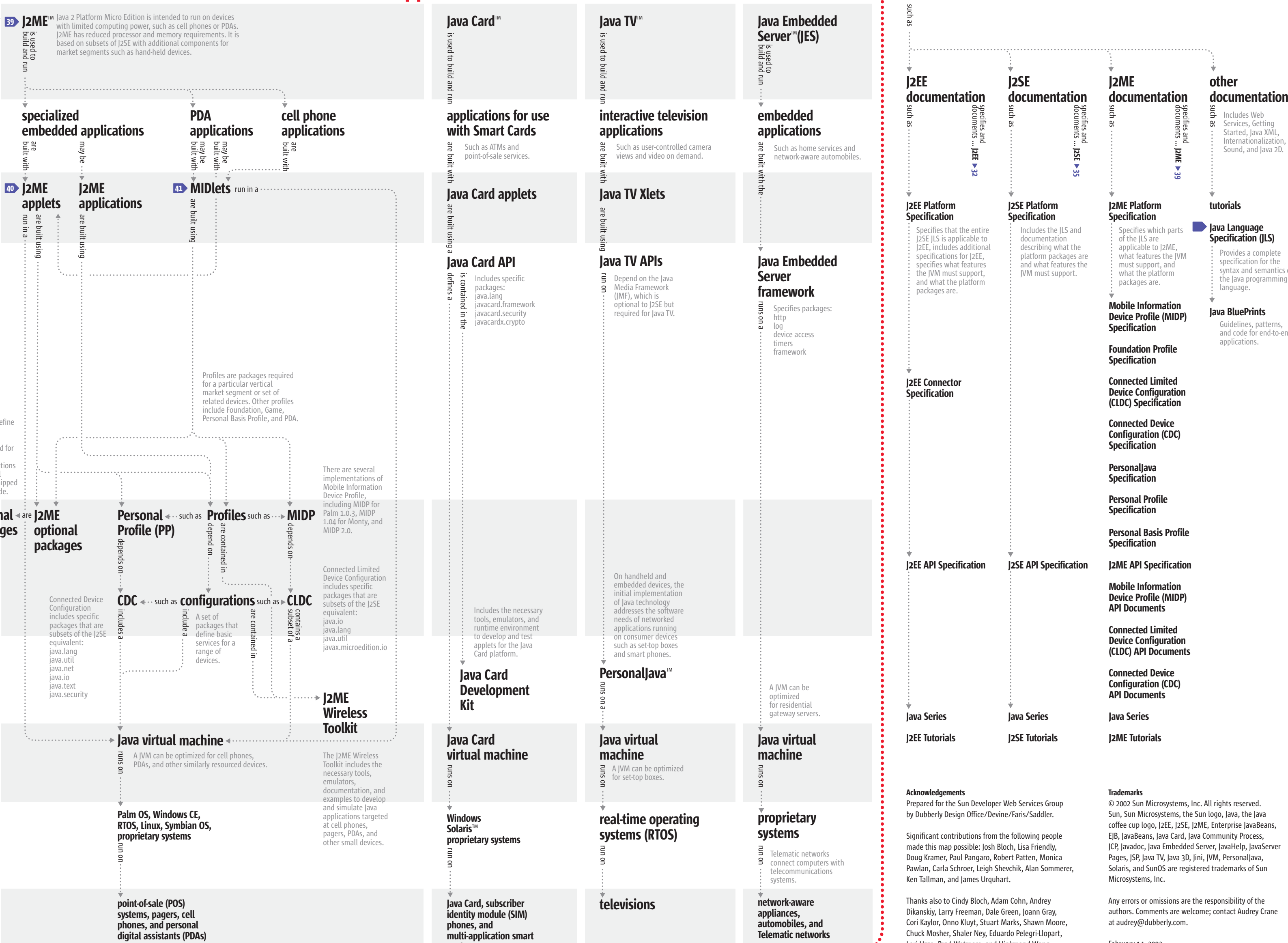
Java™ 2 Platform: end-to-end solutions



...for desktop servers and applications



...for consumer and embedded servers and applications



Any errors or omissions are the responsibility of the authors. Comments are welcome; contact Audrey Crane at audrey@bluewin.ch.
February 14, 2003