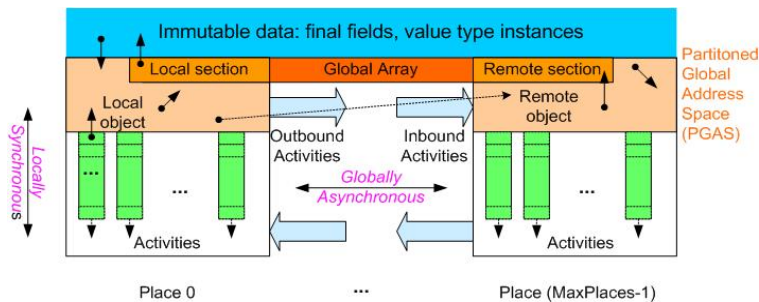


Programming Model



- X10: first **Asynchronous PGAS** language

Execution Model

- Dynamic collection of activities executing across multiple places
- Communication: **Remote spawning of activities**
- Synchronization: **Conditional atomic blocks, and derived constructs such as clocks, futures.**

Compilers & Tools

- Platforms supported: **Reference implementation (Java) runs on any JVM. X10 Flash compiler (produces C++) being developed for Power, Blue Gene.**
- Compilers available: **Reference compiler to Java,**
- Tools available : **Eclipse X10DT**

Resources

- Source Forge project, programming manual, example programs, mailing list, technical papers