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Softinex names a software environment targeted to data analysis and visualization. It covers the C++ inlib and exlib "header only" libraries that permit, through GL-ES and a maximum of common code, to build applications deliverable on the AppleStore (iOS), GooglePlay (Android), traditional laptops/desktops under MacOSX, Linux and Windows, but also deliverable as a web service able to display in various web browsers compatible with WebGL (FireFox, Chrome, Safari). The ioda app permits (with fingertips on a tablet) to read files at various formats (xml-aida, cern-root, fits) and visualize some of their data such as images, histograms, ntuples and geometries. The g4view app permits to visualize Geant4 gdml files and do, for example on a tablet, some simple outreach particle physics. g4exa is a simple Geant4 template open source code for people wanting to create their own app done in the same spirit. The wall programs permit to visualize HEP data (plots, geometries, events) on a large display surface done with an assembly of screens driven by a set of computers. We want to present this software suite but also the grounding ideas, such as the "Software Least Action Principle", that led to their developments.

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