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## Full Event Reconstruction in Java

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We describe a Java toolkit for full event reconstruction and analysis. The toolkit is currently being used for detector design and physics analysis for a future linear  $e^+ e^-$  linear collider. The components are fully modular and are available for tasks from digitization of tracking detector signals through to cluster finding, pattern recognition, fitting, jetfinding, and analysis. We discuss the architecture as well as the implementation for several candidate detector designs.

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