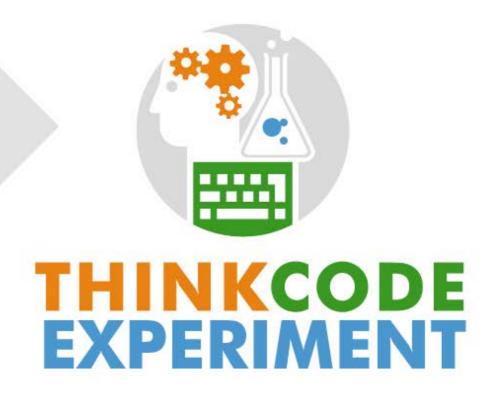
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SAELE Open Electronic Elections System

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SAELE – History

- Development started in 2004 in the Data Processing Center of UFRGS;
- Inspired by the Brazilian Electronic ballot, first used in 1996:



 Aimed to attend the need for a fast, efficient, secure and neutral process for the University



SAELE – Properties

. **NEUTRALITY**

- Simple ballot design, runnable in any setup;
- Accessible for different kinds of users;

. VERSATILITY

- Apt for attending different kinds of elections/polls;
- Extensible for special requests and needs;

. SECURITY

 User authentication and identification, logs for auditing (if necessary), untraceability of votes to voters, etc.;

. INFALLIBILITY

- Safety and correctness of election process;
- . Monitoring of data integrity.



SAELE – Features

- Built on a Web platform;
- Free Software;
- Extensible for integration with different kinds of user databases and authentication mechanisms (LDAP, etc.);
- Step-by-step installation and configuration walkthrough;
- Ballot interface, election management module, election request module;
- Supports elections with fixed IP addresses (ballots), open for specific IP domains or open for any machine;
- One or many votes per individual voter.



SAELE – Statistics and facts

- First elections ran in 2005;
- Over 200 elections successfully completed so far, with over 500,000 individual voters and over 200,000 registered votes;
- Election for the University's Rector, president of the University Hospital (HCPA), direction of the Central Student Directory, etc.;
- Software presented in 2007 at the LIT Workshop of the IFES in Salvador;
- Packaging and conversion to Free Software started in 2009;
- Intellectual property officially registered in 2011;
- Submitted to the Public Software Portal of Brazil in 2011, to be released to other Brazilian institutions.



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SAELE – Open Electronic Elections System Thank You!

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