

# Welcome to ADEI

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ADEI (Advanced Data Extraction Infrastructure) is AJAX based dynamic web interface facilitating browsing and extraction time-series from various data sources. It is developed at [Institute for Data Processing and Electronics at Karlsruhe Institute of Technology](#) to provide operators and scientists with access to control data of several running experiments. However, flexible configuration makes ADEI useful in a wide range of tasks considering utilization of time series.

The basic functionality includes:

- Fast and intuitive navigation through the data
- Support for irregular sampling rates
- Data export in multiple formats including CSV, Excel, ROOT, TDMS
- Multiple modes for aggregating the data over big periods of time
- Modes for reporting missing and invalid data
- Modular architecture providing ability to easily add new data sources and export formats

The ADEI is currently tested in following browsers

- Mozilla Seamonkey 1.1.7 (Linux, amd64)
- Mozilla Firefox 3.5.3 (Linux, amd64)
- Mozilla Firefox 3.0.3 (Linux, x86)
- Mozilla Firefox 2.0.0.11 (Linux, x86)
- Safari 3.0.4 (MacOS 10.4.11, PowerPC G4)
- Safari 3.1 (WinXP, x86)
- Arora 0.4 (Linux, amd64)
- Opera 9.23 (Linux, x86)
- Konqueror 4.2 (Linux, amd64)
- Google Chrome 0.3.154.9 (WinXP, x86)
- Internet Explorer 6.0 SP1 (Win2000, x86)
- Internet Explorer 7.0 (WinXP, x86)
- Internet Explorer 8.0 (WinXP, x86)

The *Mozilla* and *Safari* browsers are recommended.

## Installation

- [Docker Container](#) - Portable ADEI Installation
- [Requirements](#) - Software Requirements
- [Installation](#) - Installation Instructions
- [Virtual Images](#) - Virtual Development Environment

## Documentation

- [FAQ?](#) - Frequently Asked Questions
- [Users Guide](#) - UI Usage Guide
- [Client Applications](#) - Overview and Configuration
- [Web Developers Guide](#) - Documentation for client developers: Web API
- [Administrators Guide](#) - Documentation for the administrators

## ADEI Developer Documentation

- [Revision Control](#) - Instructions how to maintain ADEI branches and related software
- [ADEI Developers Guide](#) - Extending ADEI: developer guidelines, internals
- [Internals](#) - Class specifications: Complete and proposed

## ADEI2

- [ADEI2 Ideas and Concepts](#)
- [Development Guidelines](#)
- [Tools, Libraries, and Frameworks](#)
- [Current Projects](#)

## Local

- [ADEI Projects at KIT](#)