



GeoDataManagement for Application

YADE (Yet Another Data Environment) is the name for SRP's advanced GIS-technologies and GIS-products for accessing, capturing, analyzing, displaying and presenting geospatial data and services. Yade has proven its excellence for many years and for the whole range of georelated tasks of government, administration and enterprises. YADE supports complex and redundance-free data models and provides powerful analysis tools including integrated spatial and attributive queries, spatial operations, thematic evaluations and presentations. An „easy to use“ configurable user interface supports efficient workflows and fast results from the beginning. Numerous data and service interfaces give access to data of all important GIS-formats, ODBC-databases and OGC-compliant servers. Due to the system-owned *YADE Makro Language*, which allows to create user defined commands, workflows and user interfaces, Yade is an ideal platform for developing all kinds of customized applications.

Data capturing

- Comprehensive drawing and construction tools
- On-screen or table digitizing
- Feature types: Point, line, polyline, arc, circle, area, symbol, text, complex objects

Data access and interoperability

- Data formats: Yade, Esri Shapefile, DXF, MAPInfo, Sicad, EDBS
- Databases: Oracle 10g/9 i and any ODBC-database
- Images: bmp, tif, ecw, png, jpg
- Services: OGC

Data analysis

- GeoSpatial Query Language (GeoSQL) which allows to combine spatial and thematic search parameters (incl. GeoSQL-Wizzard)
- Buffer, overlay, aggregation, spatial intersection, statistics and reports

Presentation

- Complex signatures, line types and symbols
- Thematic mapping and business graphics
- Tools for creating ambitious map layouts for printing or for PS/PDF-files

Customizability

- YADE Makro Language
- User defined commands, workflows and data models
- Customizable menus and toolbars
- Extensible libraries (symbols, signatures, line types, pens)

Embeddable GIS

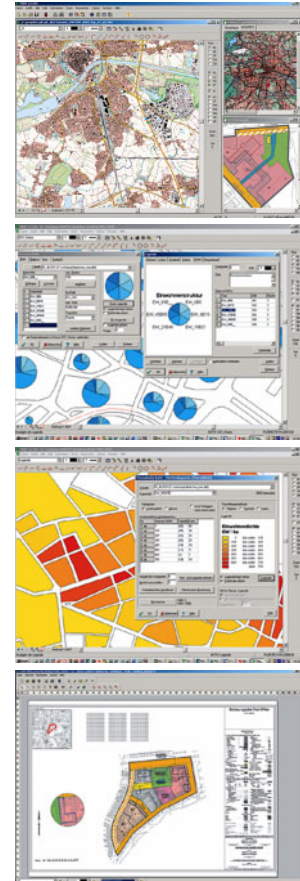
- YADE OCX - embeddable map components for integration of mapping and GIS-facilities into existing Windows® applications
- Programmable map objects
- „Plug & play“ SDI-connectors (OGC)

Main fields of application

- Town-, regional and environmental planning, land survey register, real estate management, urban cadastres
- Urban green management
- Social and technical infrastructure
- Digital cartography

System requirements

- Microsoft® Windows® (98, NT 4.0, 2000, XP)
- Intel® Pentium® III compatible or higher
- RAM 256 MB or higher
- 50 MB free disk space



Contact

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