Less Code
More Application

High Productivity Software Development with Graph Technology
Our Company

About Structr GmbH

- Founded 2011
- Headquartered in Frankfurt/Main
- DACH & International customers
- Entirely owned by team
- Profitable from start-up on

more...
Based on Graph Technology

Build Knowledge Graph Apps to Make a Positive Impact on Your Organization

Our mission is to help companies increase their productivity and make an impact by enabling enterprise software to extract real knowledge from existing information.

Thanks to the graph technology in Structr, even complex queries can be flexibly formed and executed at lightning speed at any time.
Business Value vs. Costs

- **COTS**
  - Integration
  - Customization
  - Standard Components

- **Custom Development**
  - Custom Development
  - Customization
  - Standard Components

- **Low-Code + Pro-Code with structr**
  - Integration
  - Custom Development
  - Customization
  - Standard Components
Your Benefits – ROI

Return on Investment

- **Cost reduction**: Structr takes the repetitive nature out of coding, dramatically increasing developers productivity.

- **Better product**: Structr lets developers become more creative and frees up the imagination.

- **Product more aligned with stakeholder needs**: Structr allows for a better communication between stakeholders and developers through on-screen graphical representation.

- **Faster "on target" development with lightning-fast modification to running applications**: Structr allows the team flexibility to collaborate with each other “live” while building applications.

- **Stronger applications**: Structr returns even complex queries in the blink of an eye.
The Trend Proves us Right

We had a Vision Right From the Start

The low code application development platform market accounted for USD 11.45 billion in 2019 and is expected to grow at a CAGR of 22.7% from 2020 to 2027.
Combining Low Code and Pro Code Elements

Countless Possibilities With Structr

Low Code Development elements for quick start and easy to build apps – even for non IT-professionals

Pro Code Development allows fine tuning and manual extension of Low Code elements as well as creating additional components
Examples of Expertise 1/2

- Digital Twins
- Knowledge Graphs (reference: CovidGraph)
- Master Data Management (MDM)
- Data Analysis and Visualization
- Content Management
- Digital Asset Management (reference: Deutsche Bahn / DB Systel)
- Product Information-Management-System (reference: Schleich, SWS)
- Patent database (reference: Engineering company)
Structr’s Knowledge

Examples of Expertise 2/2

- Recommendation Engine (reference: JAKO-O, epresia)
- Building Information Modeling (BIM) (reference: Plan.One, neanex)
- Geo Information System (GIS) (reference: Gemeinde Winterswijk)
- Risk and Compliance Management (reference: Kerberos Compliance)
- Network Management (reference: nicos AG)
- Information Management (reference: Bundeswehr)
- Logistic Network (reference: Parcel service)
How a Typical Project Could Progress

Your Project with Structr

Day 1-2
Workshop on requirements and use cases

Day 3-5
First prototype

Day 5-15
Iterative revision

Day 20-50*
MVP

* Depending on complexity, functionality and data volume

Documentation and delivery to own team or external service provider
Cost Savings

Efforts When Using Structr 1/2

Typical development tasks: Data modeling, business logic, frontend

We save 90% at data modeling, 50% at business logic, 30% at frontend

Different savings depending on distribution of complexity

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### Example 1

Project with medium complex data model, simple business logic, complex (customer-facing) frontend, e.g. customer portal, booking system, online shop, CMS

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<tr>
<th></th>
<th>Traditional development</th>
<th>Structr relative savings</th>
<th>With Structr</th>
<th>Total saving</th>
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<tbody>
<tr>
<td>Frontend</td>
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### Example 2

Project with simple data model, complex business logic, medium complex frontend, e.g. Social Network app or Knowledge Graph

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### Example 3

Project with complex data model, medium complex business logic, simple (not customer-facing) frontend, e.g. Digital Twin, cross-departmental integration project or product data management system

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Cost Savings

Efforts When Using Structr 2/2

- Structr saves between 30% and 90% of development efforts, depending on the distribution of complexity.

- Typical projects save between 50% and 66% of the total development costs.

- Typical additional license costs for the Structr platform are between 10% and 30%.

- Lower TCO for all types of projects.

- The more data modeling/backend heavy, the more you save.