

Using the GraphDB odb

Manfred Morgner

April 29, 2018

<https://github.com/odb-research-group/odb-book>

Contents

- I Starting Simpel 9**
- 1 Basic constructs 11**
 - 1.1 Two nodes together 11

List of Figures

1.1	Basic structure	11
1.2	A simple link	11

List of Tables

Part I

Starting Simpel

Chapter 1

Basic constructs

Figure 1.1: Basic structure

1.1 Two nodes together

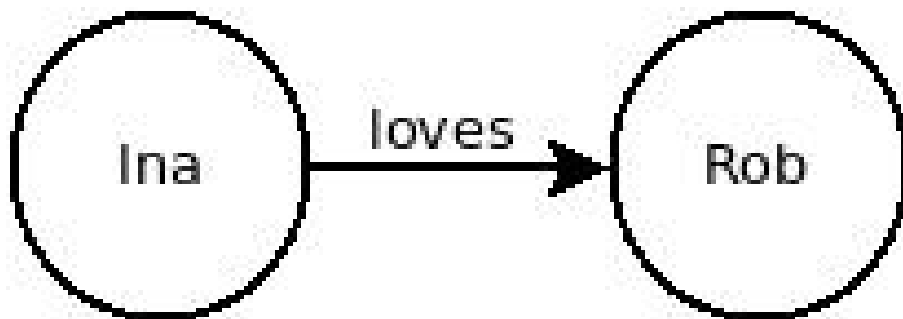


Figure 1.2: A simple link

```
; 2nodes.cpp

#include <iostream>

#include "generic.h"
#include "odb.h"

auto oOdb = odb::COdb();

int main()
{
    // 2 people
    oOdb.MakeNode("Ina");
    oOdb.MakeNode("Rob");
}
```

```
// a relation
oOdb.MakeReason("loves");

// binding
oOdb.LinkNode2Node("Ina", "loves", "Rob");

// show us
std::cout << "-----_all_nodes" << '\n';
for ( auto const & a:oOdb.Nodes() )
{
    std::cout << *a << '\n';
}
}
```

Beschreibender Text

- create nodes
- create reason
- link node with reason