

Ejercicio extendido sobre XPATH usando base X [Ciclos e INSTI]



EJERCICIO 1

1. Nombre del instituto.

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the 'ies' table selected. The middle pane shows the query editor with the query: `1 /ies/@nombre`. The right pane shows the result set, which is a table with columns: `ASIR`, `grado`, `decretoT...`, `SMR`, `grado`, `ESTETICABELLEZA`, `FPBINF`, `grado`. The results are organized into a grid of blue boxes, each containing a value. The bottom pane shows the 'Result' tab with the query: `nombre="IES Mutxamel"`. The 'Info' tab shows the query execution details: `db-get-pre("ejercicio1", 0)ies/@nombre`. The 'Timing' section shows: `Parsing: 0.15 ms`.

2. Web del Instituto

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the 'ies' table selected. The middle pane shows the query editor with the query: `1 /ies/@web`. The right pane shows the result set, which is a table with columns: `ASIR`, `grado`, `decretoT...`, `SMR`, `grado`, `ESTETICABELLEZA`, `FPBINF`, `grado`. The results are organized into a grid of blue boxes, each containing a value. The bottom pane shows the 'Result' tab with the query: `web="http://www. iesmutxamel.com"`. The 'Info' tab shows the query execution details: `db-get-pre("ejercicio1", 0)ies/@web`. The 'Timing' section shows: `Parsing: 0.1 ms`.

3. Nombre de los ciclos formativos sin etiquetas

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project structure. The middle pane shows the query editor with the following query:

```
1 /ies/ciclos/ciclo/nombre/text()
2
3
4
```

The right pane shows the result set, which is a table with 6 columns and 6 rows. The columns are labeled with the names of the training cycles: ASIR, DAW, SMR, ESTETICABELLEZA, and FPBINF. The rows are labeled with the names of the training cycles: ASIR, DAW, SMR, ESTETICABELLEZA, and FPBINF. The table contains the following data:

ASIR	DAW	SMR	ESTETICABELLEZA	FPBINF	
nombre	Sup...	decretoT...	grado	Medio	grado
nombre	familia	Inform...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico

The bottom pane shows the result set with 6 results, 187 b. The right pane shows the query details, including the query text, the result set, and the timing information.

4. Siglas por las que se conocen los ciclos formativos

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project structure. The middle pane shows the query editor with the following query:

```
1 /ies/ciclos/ciclo/@id
2
3
4
5
```

The right pane shows the result set, which is a table with 6 columns and 6 rows. The columns are labeled with the abbreviations of the training cycles: ASIR, DAW, SMR, ESTETICABELLEZA, and FPBINF. The rows are labeled with the abbreviations of the training cycles: ASIR, DAW, SMR, ESTETICABELLEZA, and FPBINF. The table contains the following data:

ASIR	DAW	SMR	ESTETICABELLEZA	FPBINF	
grado	Sup...	decretoT...	grado	Medio	grado
nombre	familia	Inform...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico
nombre	Inform...	decret...	grado	familia	Basico

The bottom pane shows the result set with 6 results, 78 b. The right pane shows the query details, including the query text, the result set, and the timing information.

5. Años en los que se decretaron los títulos

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the file `ejercicio1.xml` selected. The middle pane shows the query `db:pre("ejercicio1")` and the result set. The right pane shows the XML document structure with the following nodes highlighted in red:

- `ASIR` (grado: Sup., decretoT.: .., familia: Inform..)
- `SMR` (grado: Medio, familia: Inform..)
- `ESTETICABELLEZA` (grado: Basico, familia: Inform..)
- `FPBINF` (grado: Basico, familia: Inform..)
- `DAW` (grado: Sup., decretoT.: .., familia: Inform..)
- `FPBPelu` (grado: Basico, familia: Inform..)

The result set shows 5 results, 63 b. The query is `db:pre("ejercicio1", 0)ies/ciclos/ciclo/decretoTitulo/@año`. The result is:

```
año="2009"
año="2010"
año="2008"
año="2008"
año="2008"
```

Time required: 0.75 ms

6. Toda la información de los ciclos formativos de grado medio

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the file `ejercicio1.xml` selected. The middle pane shows the query `db:pre("ejercicio1")` and the result set. The right pane shows the XML document structure with the following nodes highlighted in red:

- `SMR` (grado: Medio, familia: Inform..)
- `ESTETICABELLEZA` (grado: Basico, familia: Inform..)

The result set shows 2 results, 440 b. The query is `db:pre("ejercicio1", 0)ies/ciclos/ciclo[grado="Medio"]`. The result is:

```
<ciclo id="SMR">
  <nombre>Sistemas Microinformaticos y Redes</nombre>
  <grado>Medio</grado>
  <decretoTitulo año="2008"/>
  <familia>Informatica</familia>
</ciclo>
<ciclo id="ESTETICABELLEZA">
  <nombre>Estetica y Belleza</nombre>
  <grado>Medio</grado>
  <decretoTitulo año="2008"/>
  <familia>Imagen Personal</familia>
</ciclo>
```

Time required: 1.07 ms

7. Idem grado superior

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with a tree view of the project files. The middle pane shows the XML editor with a query: `/ies/ciclos/ciclo[grado="Superior"]`. The right pane shows the results of the query, which are 2 XML documents. The first document is for 'ASIR' and the second is for 'DAW'. Both documents have a 'grado' attribute set to 'Superior'. The bottom pane shows the query results in a table format, with columns for 'id', 'nombre', 'grado', 'decretoT.', 'familia', and 'informa.'. The results are as follows:

id	nombre	grado	decretoT.	familia	informa.
ASIR	Administración de Sistemas Informáticos en Red	Superior	2009	Informática	Informática
DAW	Desarrollo de Aplicaciones Web	Superior	2010	Informática	Informática

8. Mostrar todos los nombres de los ciclos formativos anteriores a 2010, pero sin etiquetas

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with a tree view of the project files. The middle pane shows the XML editor with a query: `/ies/ciclos/ciclo[decretoTitulo/@año < 2010 or decretoTitulo/@ano < 2010]/nombre/text()`. The right pane shows the results of the query, which are 5 XML documents. The first document is for 'ASIR' and the second is for 'DAW'. Both documents have a 'decretoTitulo' attribute set to '2009' or '2010'. The bottom pane shows the query results in a table format, with columns for 'id', 'nombre', 'grado', 'decretoT.', 'familia', and 'informa.'. The results are as follows:

id	nombre	grado	decretoT.	familia	informa.
ASIR	Administración de Sistemas Informáticos en Red	Superior	2009	Informática	Informática
DAW	Desarrollo de Aplicaciones Web	Superior	2010	Informática	Informática

9. Mostrar todos los nombres de los ciclos formativos de 2008 a 2010 (pista: usar OR)

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project 'ejercicio1' open. The editor pane shows the following XQuery:

```
1 /ies/ciclos/ciclo[  
2   decretoTitulo/@año = 2008 or  
3   decretoTitulo/@año = 2009 or  
4   decretoTitulo/@año = 2010  
5 ]/nombre/text()
```

The right pane shows the result set, which is a table with 5 columns: 'ciclos', 'nombre', 'grado', 'decretoT...', 'SMR', and 'ESTETICABELLEZA'. The results are grouped by 'ciclos' and 'nombre'. The 'nombre' column contains the names of the training cycles, and the 'grado' column contains the degree level. The 'decretoT...' column contains the decree number, and the 'SMR' column contains the subject matter range. The 'ESTETICABELLEZA' column contains the subject matter range.

The bottom pane shows the query execution details. The query is: `db:get-pre("ejercicio1", 0)/ies/ciclos/ciclo[decretoTitulo/@año = 2008 to 2009 or (decretoTitulo/@año = 2010)]/nombre/text()`. The result set contains 5 items.

10. Mostrar todos los ciclos formativos de la familia de Imagen Personal

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project 'ejercicio1' open. The editor pane shows the following XQuery:

```
1 /ies/ciclos/ciclo[familia="Imagen Personal"]
```

The right pane shows the result set, which is a table with 5 columns: 'ciclos', 'nombre', 'grado', 'decretoT...', 'SMR', and 'ESTETICABELLEZA'. The results are grouped by 'ciclos' and 'nombre'. The 'nombre' column contains the names of the training cycles, and the 'grado' column contains the degree level. The 'decretoT...' column contains the decree number, and the 'SMR' column contains the subject matter range. The 'ESTETICABELLEZA' column contains the subject matter range.

The bottom pane shows the query execution details. The query is: `db:text("ejercicio1", "Imagen Personal")/parent.familia/parent:ciclo`. The result set contains 2 items.

11. Mostrar todos los ciclos de grado básico con etiquetas

The screenshot shows the BaseX 10.7 interface. The Editor pane contains the XQuery: `/ies/ciclos/ciclo[grado="Basico"]`. The Results pane shows 2 results, 433 b. The XML output is as follows:

```
<ciclo id="FPBPelu">
  <nombre>Peluqueria y Estetica</nombre>
  <grado>Basico</grado>
  <decretoTitulo año="2008"/>
  <familia>Imagen Personal</familia>
</ciclo>
<ciclo id="FPBINF">
  <nombre>Informatica y Comunicaciones</nombre>
  <grado>Basico</grado>
  <decretoTitulo año="2008"/>
  <familia>Informatica</familia>
</ciclo>
```

The Info pane provides details about the query execution:

- Optimizing:** - rewrite context value: .-> db.get-pre("ejercicio1", 0)
- rewrite util.root(nodes): util.root(db.get-pre("ejercicio1", 0)) -> db.get-pre("ejercicio1", 0)
- apply text index for "Basico"
- Optimized Query:** db.text("ejercicio1", "Basico")/parent:grado/parent:ciclo
- Query:** /ies/ciclos/ciclo[grado="Basico"]
- Result:** - Hit(s): 2 Items
- Updated: 0 Items
- Printed: 433 b
- Read Locking: ejercicio1
- Write Locking: (none)
- Timing:**

Time required: 1.06 ms

12. Mostrar los códigos de los ciclos de grado básico

The screenshot shows the BaseX 10.7 interface. The Editor pane contains the XQuery: `/ies/ciclos/ciclo[grado="Basico"]/@id`. The Results pane shows 2 results, 25 b. The XML output is as follows:

```
id="FPBPelu"
id="FPBINF"
```

The Info pane provides details about the query execution:

- Optimizing:** - rewrite context value: .-> db.get-pre("ejercicio1", 0)
- rewrite util.root(nodes): util.root(db.get-pre("ejercicio1", 0)) -> db.get-pre("ejercicio1", 0)
- apply text index for "Basico"
- Optimized Query:** db.text("ejercicio1", "Basico")/parent:grado/parent:ciclo/@id
- Query:** /ies/ciclos/ciclo[grado="Basico"]/@id
- Result:** - Hit(s): 2 Items
- Updated: 0 Items
- Printed: 25 b
- Read Locking: ejercicio1
- Write Locking: (none)
- Timing:**

db.get("ejercicio1", "ejercicio1.xml")

EJERCICIO 2

1. Nombres de los módulos que se imparten en el instituto

The screenshot shows the BaseX 10.7 interface. The editor window displays the XML file 'ejercicio2.xml' with the following content:

```
1 /ies/modulos/modulo/nombre/text()  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14
```

The result pane shows 4 results, 152 b. The results are:

- Aplicaciones web
- Gestion de bases de datos
- Lenguajes de marcas y sistemas de gestion de Informacion
- Implantacion de aplicaciones web

The query details pane shows the following information:

- Optimizing:
 - rewrite context value: .-> db.get-pre("ejercicio2", 0)
 - rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)
- Optimized Query:
db.get-pre("ejercicio2", 0)/ies/modulos/modulo/nombre/text()
- Query:
/ies/modulos/modulo/nombre/text()
- Result:
 - Hit(s): 4 Items
 - Updated: 0 Items
 - Printed: 152 b
 - Read Locking: ejercicio2
 - Write Locking: (none)
- Timing:
 - Parsing: 0.11 ms

Time required: 1.0 ms

2. Nombre de los módulos del ciclo ASIR

The screenshot shows the BaseX 10.7 interface. The editor window displays the XML file 'ejercicio2.xml' with the following content:

```
1 /ies/modulos/modulo[ciclo="ASIR"]/nombre/text()  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14
```

The result pane shows 3 results, 134 b. The results are:

- Gestion de bases de datos
- Lenguajes de marcas y sistemas de gestion de Informacion
- Implantacion de aplicaciones web

The query details pane shows the following information:

- Optimizing:
 - rewrite context value: .-> db.get-pre("ejercicio2", 0)
 - rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)
 - apply text index for "ASIR"
- Optimized Query:
db.text("ejercicio2", "ASIR")/parent:ciclo/parent:modulo/nombre/text()
- Query:
/ies/modulos/modulo[ciclo="ASIR"]/nombre/text()
- Result:
 - Hit(s): 3 Items
 - Updated: 0 Items
 - Printed: 134 b
 - Read Locking: ejercicio2
 - Write Locking: (none)
- Timing:
 - Parsing: 0.11 ms

Time required: 1.58 ms

3. Nombre de los módulos que se imparten en el segundo curso de cualquier ciclo

The screenshot shows the BaseX 10.7 interface. The Editor pane contains the following XQuery:

```
1 /ies/modulos/modulo[curso="2"]/nombre/text()
```

The Result pane shows 2 Results, 50 b. The Info pane displays the following details:

- Optimizing:**
 - rewrite context value: -> db.get-pre("ejercicio2", 0)
 - rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)
 - apply text index for "2"
- Optimized Query:**
db.text("ejercicio2", "2")parent::curso/parent::modulo/nombre/text()
- Query:**
/ies/modulos/modulo[curso="2"]/nombre/text()
- Result:**
 - Hit(s): 2 Items
 - Updated: 0 Items
 - Printed: 50 b
 - Read Locking: ejercicio2
 - Write Locking: (none)
- Timing:**

Time required: 1.02 ms

4. Nombre de los módulos de menos de 5 horas semanales

The screenshot shows the BaseX 10.7 interface. The Editor pane contains the following XQuery:

```
1 /ies/modulos/modulo[horasSemanales < 5]/nombre/text()
```

The Result pane shows 2 Results, 91 b. The Info pane displays the following details:

- Compiling:**
 - rewrite < comparison: (horasSemanales < 5) -> horasSemanales <= 4.999999999999999
- Optimizing:**
 - rewrite context value: -> db.get-pre("ejercicio2", 0)
 - rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)
- Optimized Query:**
db.get-pre("ejercicio2", 0)/ies/modulos/modulo[horasSemanales <= 4.999999999999999]/nombre/text()
- Query:**
/ies/modulos/modulo[horasSemanales < 5]/nombre/text()
- Result:**
 - Hit(s): 2 Items
 - Updated: 0 Items
 - Printed: 91 b
 - Read Locking: ejercicio2
 - Write Locking: (none)
- Timing:**

Time required: 0.89 ms

5. Nombre de los módulos que se imparten en el primer curso de ASIR

file* [ejercicio2] - BaseX 10.7

Database Editor View Visualization Options Help

Find Find...

C:\Program Files (x86)\BaseX\

Find contents...

BaseX.jar (4596 kB)
CHANGELOG (50 kB)
LICENSE (1524 b)
readme.txt (1602 b)
uninst.exe (81 kB)

Context: db:get("ejercicio2")

Editor

```
1 /ies/modulos/modulo[curso="1" and ciclo="ASIR"]/nombre/  
2 text()  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13
```

OK 2 : 1

ejercicio2.xml

ies

modulos

0228	curso	0372	curso	0373	nombre	0376	nombre
nombre	2	nombre	1	..	nombre	..	nombre
horasSem..	ciclo	horasSem..	ciclo	..	curso	horasSema..	ciclo
4	SPR	5	ASIR	1	3	5	ASIR
				ciclo	DAW		
				ASIR			

2 Results, 100 b

Gestion de bases de datos
Lenguajes de marcas y sistemas de gestion de informacion

Result

Q All Total Time: 1.31 ms

Info

Compiling:
- rewrite to predicate: ((curso = "1") and (ciclo = "ASIR"))

Optimizing:
- rewrite context value: .-> db.get-pre("ejercicio2", 0)
- rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)
- apply text index for "1"

Optimized Query:
db:text("ejercicio2", "1")/parent:curso/parent:modulo[(ciclo = "ASIR")]/nombre/text()

Query:
/ies/modulos/modulo[curso="1" and ciclo="ASIR"]/nombre/text()

Result:
- Hit(s): 2 items
- Updated: 0 items
- Printed: 100 b
- Read Locking: ejercicio2

Time required: 1.31 ms

38 MB

6. Horas semanales de los módulos de más de 3 horas semanales

file* [ejercicio2] - BaseX 10.7

Database Editor View Visualization Options Help

Find Find...

C:\Program Files (x86)\BaseX\

Find contents...

BaseX.jar (4596 kB)
CHANGELOG (50 kB)
LICENSE (1524 b)
readme.txt (1602 b)
uninst.exe (81 kB)

Context: db:get("ejercicio2")

Editor

```
1 /ies/modulos/modulo[horasSemanales > 3]/horasSemanales/  
2 text()  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13
```

OK 2 : 1

ejercicio2.xml

ies

modulos

0228	curso	0372	curso	0373	nombre	0376	curso
nombre	2	nombre	1	..	nombre	..	nombre
horasSem..	ciclo	horasSem..	ciclo	..	curso	horasSema..	ciclo
4	SPR	5	ASIR	1	3	5	ASIR
				ciclo	DAW		
				ASIR			

3 Results, 7 b

4
5
5

Result

Q All Total Time: 1.25 ms

Info

Compiling:
- rewrite > comparison: (horasSemanales > 3) -> horasSemanales >= 3.0000000000000004

Optimizing:
- rewrite context value: .-> db.get-pre("ejercicio2", 0)
- rewrite util.root(nodes): util.root(db.get-pre("ejercicio2", 0)) -> db.get-pre("ejercicio2", 0)

Optimized Query:
db.get-pre("ejercicio2", 0)/ies/modulos/modulo[horasSemanales >= 3.0000000000000004]/horasSemanales/text()

Query:
/ies/modulos/modulo[horasSemanales > 3]/horasSemanales/text()

Result:
- Hit(s): 3 items
- Updated: 0 items
- Printed: 7 b
- Read Locking: ejercicio2
- Write Locking: (none)

Time required: 1.25 ms

43 MB

EJERCICIO 3

7. Mostrar los nombres de los módulos del ciclo de "Sistemas Microinformáticos y Redes".

The screenshot displays the BaseX 10.7 database editor interface. The top menu bar includes File, Database, Editor, View, Visualization, Options, and Help. The main window is divided into several panes:

- Left Pane:** Shows the file system structure of the database. The selected file is `ejercicio3.xml` (81 KB).
- Top Right:** Displays the current context: `db:get("ejercicio3")`.
- Center Pane:** Shows the XML document structure. The root element is `ejercicio3`, which contains a `modules` element. The `modules` element has a `ciclos` child element. The `ciclos` element is a table with columns: `nombre`, `grado`, `decre.`, `familia`, `horas`, `ciclo`, `curso`, and `hora`. The table contains data for various modules, including `ASIR`, `DAW`, `ESTETICABEL`, `FPBPelu`, `SMR`, and `FBPINF`.
- Bottom Left:** Shows the query result: `1 Result, 16 b`.
- Bottom Right:** Shows the query execution details: `Optimizing: rewrite context value: -> db.get-pre("ejercicio3", 0)`, `Optimized Query: db.get-pre("ejercicio3", 0)/ies/modules/module[ciclo="SMR"]/nombre/text()`, `Query: /ies/modules/module[ciclo="SMR"]/nombre/text()`, `Result: 1 item`, `Updated: 0 items`, `Printed: 16 b`, `Read Locking: ejercicio3`, `Write Locking: (none)`, `Timing: Parsing: 0.11 ms`.

8. **Mostrar los nombres de los ciclos formativos que incluyen el módulo "Lenguajes de marcas y sistemas de gestión de información".**

[illegible]

9. Mostrar los nombres de los módulos de ciclos de Grado Superior.

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project structure. The middle pane shows the XML editor with the following query:

```
1 /ies/modulos/modulo[ciclo = /ies/ciclos/ciclo[grado="Superior"]/@id]/nombre/text()
```

The right pane shows the XML tree structure. The 'ciclos' node is expanded, showing 'ASIR' and 'DAW' under 'grado'. The 'modulos' node is also expanded, showing various modules like '0228', '0372', '0376', 'SMR', and 'FPBINF'. The 'Result' pane at the bottom shows 3 results, 121 b. The 'Info' pane shows the query execution details, including the optimized query and the result set.

Result:
3 Results, 121 b
Gestión de bases de datos
Lenguajes de marcas y sistemas de gestión de información
Implantación de aplicaciones web

Query:
db.get-pre("ejercicio3", 0)/ies/modulos/modulo[ciclo = /ies/ciclos/ciclo[grado = "Superior"]/@id]/nombre/text()

Result:
- Hit(s): 3 Items
- Updated: 0 Items
- Printed: 121 b
- Read Locking: ejercicio3
- Write Locking: (none)

Time required: 1.58 ms

10. Mostrar los nombres de los módulos de los ciclos formativos cuyo título se aprobó en 2008

The screenshot shows the BaseX 10.7 interface. The left pane displays the file explorer with the project structure. The middle pane shows the XML editor with the following query:

```
1 /ies/modulos/modulo[ciclo = /ies/ciclos/ciclo[decretoTitulo/@año="2008"]/@id]/nombre/text()
```

The right pane shows the XML tree structure. The 'ciclos' node is expanded, showing 'ASIR' and 'DAW' under 'grado'. The 'modulos' node is also expanded, showing various modules like '0228', '0372', '0376', 'SMR', and 'FPBINF'. The 'Result' pane at the bottom shows 1 result, 16 b. The 'Info' pane shows the query execution details, including the optimized query and the result set.

Result:
1 Result, 16 b
Aplicaciones web

Query:
db.get-pre("ejercicio3", 0)/ies/modulos/modulo[ciclo = /ies/ciclos/ciclo[decretoTitulo/@año = "2008"]/@id]/nombre/text()

Result:
- Hit(s): 1 Item
- Updated: 0 Items
- Printed: 16 b
- Read Locking: ejercicio3
- Write Locking: (none)

Time required: 1.54 ms

11. Mostrar los grados de los ciclos formativos con módulos de primer curso.

file* [ejercicio3] - BaseX 10.7

Database Editor View Visualization Options Help

Find Find... 2 Results

C:\Program Files (x86)\BaseX\

Find contents...

bin
data
etc
ico
lib
repo
src
webapp
BaseX.jar (4996 KB)
CHANGELOG (50 KB)
LICENSE (1524 b)
readme.txt (1602 b)
uninst.exe (81 KB)

1 /ies/ciclos/ciclo[@id = /ies/modulos/modulo[curso="1"]/
ciclo]/grado/text()

OK 2 : 1

ejercicio3.xml

ies

ciclos

ASIR	DAW	ESTETICABEL	FFBPelu
grado	grado	no	grado
nombre	nombre	Medio	nombre
decre.	familia	decre.	familia

modulos

0228	no	curso	0372	no	curso	0376
2	1	2	1	2	1	2
horas	ciclo	horas	ciclo	horas	ciclo	horas
4	SMR	5	ASIR	5	ASIR	5

SMR

grado	decr.	famil.
nombre	nombre	nombre
decre.	famil.	decre.

FPBINF

grado	decr.	famil.
nombre	nombre	nombre
decre.	famil.	decre.

0373

nomb.	hor.	ciclo	ciclo
1	3	ASIR	DAW
curso	curso	curso	curso
1	3	ASIR	DAW

Result

2 Results, 18 b

Superior

Superior

Q All Total Time: 1.68 ms

Info

Optimizing:

- rewrite context value: .-> db.get-pre("ejercicio3", 0)
- rewrite util.root(nodes): util.root(db.get-pre("ejercicio3", 0)) -> db.get-pre("ejercicio3", 0)

Optimized Query:

db.get-pre("ejercicio3", 0)/ies/ciclos/ciclo[(@id = util.root(/ies/modulos/modulo[curso = "1"])/ciclo)]/grado/text()

Query:

/ies/ciclos/ciclo[(@id = /ies/modulos/modulo[curso="1"])/ciclo]/grado/text()

Result:

- Hit(s): 2 Items
- Updated: 0 Items
- Printed: 18 b
- Read Locking: ejercicio3
- Write Locking: (none)

Timing:

- Parsing: 0.11 ms

db:oeit"ejercicio3", "ejercicio3.xml"/ies/ciclos/ciclo/text()

39 MB