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# Authoring Tool Beta

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Example Authoring

## Login Screen

Authoring Tool [beta]

Login

Password

[forgot my password or login](#)


## Main Menu Screen

Authoring Tool [beta]    Authoring ▾    System Management    Artem Beaty    L

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**Topic Authoring**

- [Create](#)
- [Modify](#)

 [My Topics](#)

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**Example Authoring**

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# Main Functions

- Topic authoring
  - create
  - modify
- Example authoring
  - create
  - modify
  - version
  - index
    - add concept
    - modify concept
- User management
  - modify personal data
  - add new user

# Topic Authoring

## Create New Topic Screen

Authoring Tool [beta] Authoring - System Management Artem Beaty Logout

**Create Topic:**

Domain: \*

Title: \*

Description:

Privacy: \*  Private  Public

## Modify Topics Screen

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**Modify Topics:**

Title:	Description:	Privacy	Domain:
Arithmetic_Operations		<input type="radio"/> Private <input checked="" type="radio"/> Public	Java Programming
ArrayList	a set of questions of ArrayList	<input type="radio"/> Private <input checked="" type="radio"/> Public	Java Programming
Arrays	a set of questions of Arrays	<input type="radio"/> Private <input checked="" type="radio"/> Public	Java Programming
Boolean_Expressions		<input type="radio"/> Private <input checked="" type="radio"/> Public	Java Programming
C Default Topic		<input type="radio"/> Private <input checked="" type="radio"/> Public	C++ Programming
Classes	a set of questions of Class	<input type="radio"/> Private <input checked="" type="radio"/> Public	Java Programming

# Example Authoring

## Example Menu Screen

Authoring Tool [beta] Authoring ▾ System Management

### Topic Authoring

#### Example Authoring

- Create
- Modify Comments 
- Create New Version 
- Index Concepts 

 My Examples

## Create New Example Screen

Authoring Tool [beta] Authoring ▾ System Management

Artem Beatty Logout

### Create example:

Scope:

Topic:

Title:

RDF ID:

Description:

Privacy:  Private  Public

Code: 

```

1 import java.util.ArrayList;
2
3 public class ArrayListTester
4 {
5     public static void main(String[] args)
6     {
7         ArrayList accounts = new ArrayList();
8         accounts.add(new BankAccount(1001));
9         accounts.add(new BankAccount(1015));
10        accounts.add(new BankAccount(1729));
11        accounts.add(1, new BankAccount(1008));
12        accounts.remove(0);
13        System.out.println("Size: " + accounts.size());
14        BankAccount first = accounts.get(0);
15        System.out.println("First account number: " + first.getAccountNumber());

```

## Create New Example: Modify/Annotate Lines

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### Create example:

Scope:






Topic:

Title:

RDF ID:

Description:

Privacy:  Private  Public

Code:	Comment:	Characters left:
<input type="text" value="import java.util.ArrayList;"/>	<input type="text"/>	2048 
<input type="text"/>	<input type="text"/>	2048  
<input type="text" value="public class ArrayListTester"/>	<input type="text"/>	2048  

# Example Authoring

## Modify Example Screen

Authoring Tool [beta] Authoring - System Management

<code>public static void main(String[] args)</code>		2048
<code>{</code>		2048
<code>ArrayList&lt;BankAccount&gt; accounts = new ArrayList&lt;BankAccount&gt;();</code>	This line creates an arrayList of BankAccount objects.	1994
<code>accounts.add(new BankAccount(1001));</code>	creates a BankAccount object with account number 1001 and adds that to the list.	1968
<code>accounts.add(new BankAccount(1015));</code>		2048
<code>accounts.add(new BankAccount(1729));</code>		2048
<code>accounts.add(1, new BankAccount(1008));</code>		2048
<code>accounts.remove(0);</code>	The remove() method removes the element at index i, here remove(0) removes the BankAccount object with account	1924
<code>System.out.println("Size: " + accounts.size());</code>	The size() method returns the list size, here the size is 3.	1988
<code>BankAccount first = accounts.get(0);</code>	The method get() returns the object at index i in the list. Here, get(0) returns the first element in the list at index 0.	1925
<code>System.out.println("First account number: "</code>		2048

## Version Example Screen

Authoring Tool [beta] Authoring - System Management Artem Beaty Logout

Create new version of the existing example:

Scope:

Example:

Topic:

Title:

RDF ID:

Description:

Privacy:  Private  Public

Code:

Comment:

Characters left:

`public class ArrayListTester`

`{`

`public static void main(String[] args)`

# Example Authoring

## Index Example Screen

Authoring Tool [beta] Authoring - System Management Artem Beaty Logout

Please select the example you'd like to index:

Scope: IS 0017 Java Examples v.2

Example: ArrayList Tester

```

0 import java.util.ArrayList;
1 public class ArrayListTester
2 {
3     public static void main(String[] args)
4     {
5         ArrayList accounts = new ArrayList();
6         accounts.add(new BankAccount(1001));
7         accounts.add(new BankAccount(1015));
8         accounts.add(new BankAccount(1729));
9         accounts.add(1, new BankAccount(1000));
10        accounts.remove(0);
11        System.out.println("Size: " + accounts.size());
12        BankAccount first = accounts.get(0);
13        System.out.println("First account number: "
14            + first.getAccountNumber());
15        BankAccount last = accounts.get(accounts.size() - 1);
16        System.out.println("Last account number: "
17            + last.getAccountNumber());
18    }
19 }
20 }

```

Select All 12 concepts

<input checked="" type="checkbox"/>	ActualMethodParameter	Prerequisite		
<input checked="" type="checkbox"/>	ClassDefinition	Prerequisite		
<input checked="" type="checkbox"/>	ConstructorCall	Prerequisite		
<input checked="" type="checkbox"/>	java.util.ArrayList.get	Prerequisite		
<input checked="" type="checkbox"/>	MethodDefinition	Prerequisite		
<input checked="" type="checkbox"/>	ObjectCreationStatement	Prerequisite		
<input checked="" type="checkbox"/>	ObjectMethodInvocation	Prerequisite		
<input checked="" type="checkbox"/>	PublicClassSpecifier	Prerequisite		
<input checked="" type="checkbox"/>	PublicMethodSpecifier	Prerequisite		
<input checked="" type="checkbox"/>	StaticMethodSpecifier	Prerequisite		
<input checked="" type="checkbox"/>	StringAddition	Prerequisite		
<input checked="" type="checkbox"/>	StringDataType	Prerequisite		

[Add More Concepts](#) [Save](#)

## Index Example: Add Concept Screen

Authoring Tool [beta] Authoring - System Management Artem Beaty Logout

Please select the example

Scope: IS 0017 Java Examples v.2

Example: ArrayList Tester

Editing "MethodDefinition" concept

ArrayListTester: MethodDefinition

start-end lines example: 1-3;5-5

Scope:  ArrayListTester start-end lines: 3-3

[Apply](#) [Cancel](#)

Select All 12 concepts

<input checked="" type="checkbox"/>	ActualMethodParameter	Prerequisite		
<input checked="" type="checkbox"/>	ClassDefinition	Prerequisite		
<input checked="" type="checkbox"/>	ConstructorCall	Prerequisite		
<input checked="" type="checkbox"/>	java.util.ArrayList.get	Prerequisite		

## Index Example: Modify Concept Screen

Authoring Tool [beta] Authoring - System Management Artem Beaty Logout

Please select the example

Scope: IS 0017 Java Examples v.2

Example: ArrayList Tester

Add Concept

Concept: Please select the concept

- ClassBody
- ClassConstantInitializationStatement
- ClassDataType
- ClassField
- ClassFieldDefinitionStatement
- ClassMemberDefinition
- ClassMemberInvocation
- ClassName
- ClassSignature
- ConditionalExpression
- Constant
- ConstantInitializationStatement
- ConstantInvocation
- Constructor
- ConstructorDefinition
- ConstructorName
- ConstructorSignature
- ContinueStatement
- DOM
- Data

Select All 12 concepts

<input checked="" type="checkbox"/>	ActualMethodParameter	Prerequisite		
<input checked="" type="checkbox"/>	ClassDefinition	Prerequisite		
<input checked="" type="checkbox"/>	ConstructorCall	Prerequisite		
<input checked="" type="checkbox"/>	java.util.ArrayList.get	Prerequisite		
<input checked="" type="checkbox"/>	MethodDefinition	Prerequisite		
<input checked="" type="checkbox"/>	ObjectCreationStatement	Prerequisite		
<input checked="" type="checkbox"/>	ObjectMethodInvocation	Prerequisite		

# User Management

## Modify Personal Data

Authoring Tool [beta] Authoring ▾ System Management

Artem Beaty

### Modify Personal Data:

Name:

Login:

Email:

Old Password:

New Password:

Repeat New Password:

## Create New User

Authoring Tool [beta] Authoring ▾ System Management

Artem Beaty Logout

### Create New User:

Role:

Name:

Login:

Email:

Password:

Repeat Password:



# Source:

[https://github.com/PAWSLabUniversityOfPittsburgh/AuthoringTool\\_Beta.git](https://github.com/PAWSLabUniversityOfPittsburgh/AuthoringTool_Beta.git)