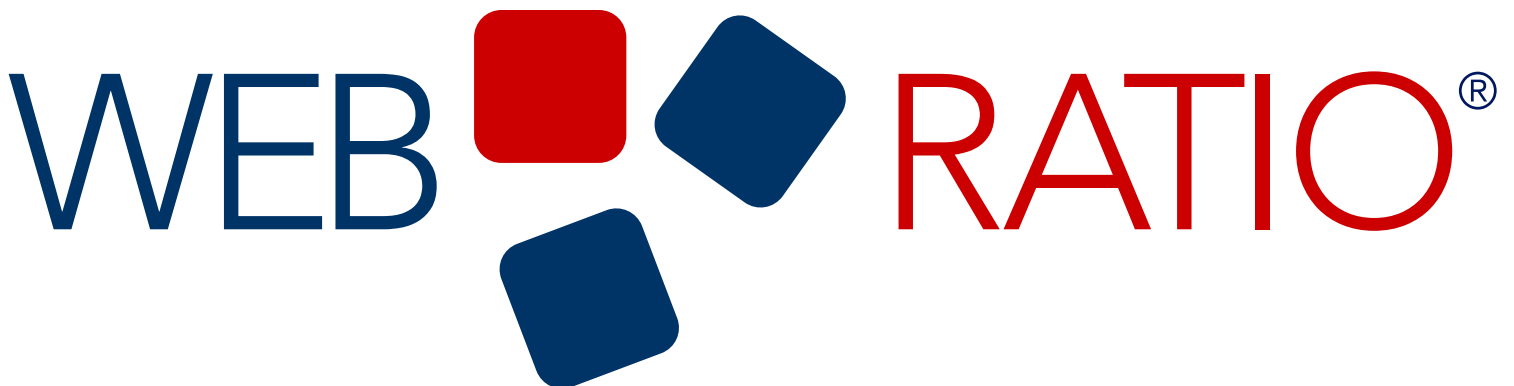
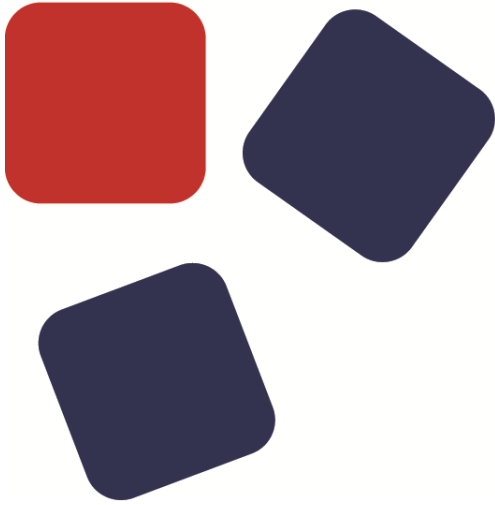


# 8.4 BPM Platform Release Notes





# RELEASE NOTES

WEBRATIO BPM PLATFORM 8.4

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## RELEASE NOTES

### INTRODUCTION

WebRatio BPM Platform is a powerful development environment that supports Business Analysts in building an application that manages their business process through a BPM engine. Let's look at the main functionalities of this product release.



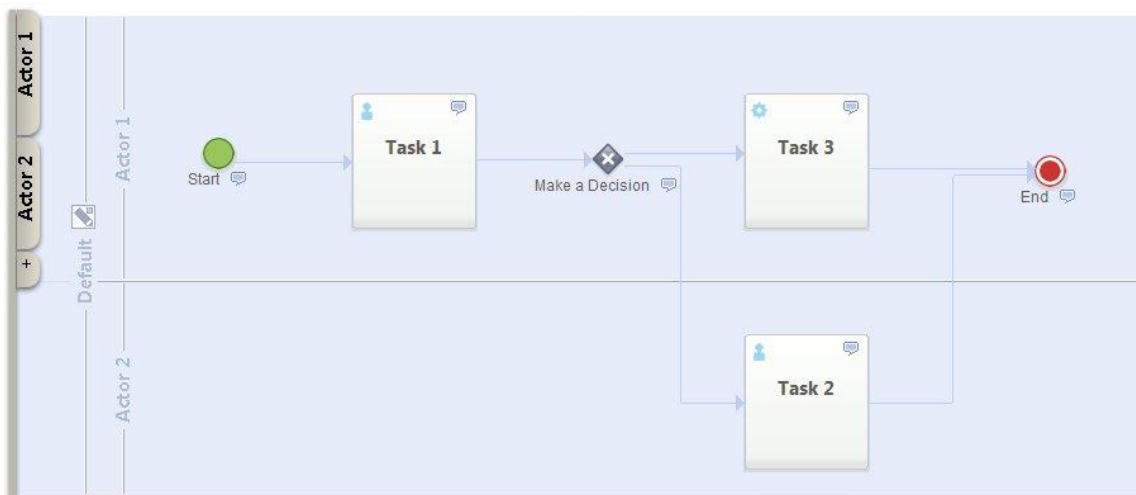
# BUSINESS PROCESS MODELING

## BUSINESS PROCESS MODELING

You can model your business processes using the dedicated project named “BPMN Project.” This project uses BPMN 2.0 to describe the process. See for yourself how easy and quick it is to get your BPM application by watching this [lesson](#). Discover the main features available for your application in the next sections.

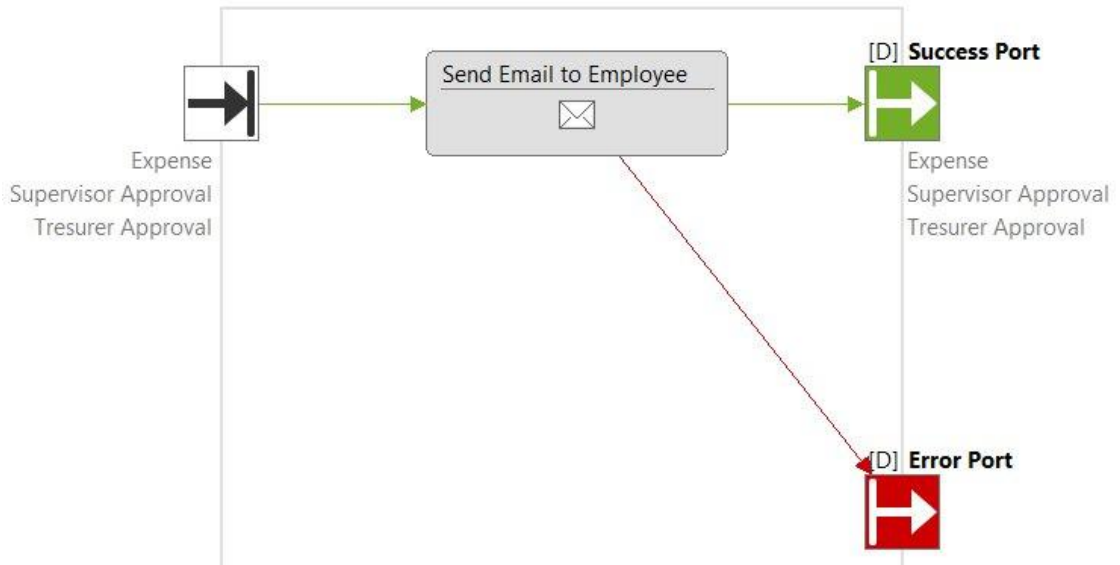
### Process Modeling

Use BPMN 2.0 to describe your processes. You can design the flow of the process and specify which is the information managed by each task by adding parameters. You can also make decisions about the flow and create different branches depending on the specific situation.



## Workflow Modeling

You can use workflow modeling to specify the business logic that must be accomplished by the business process tasks using the concept of “Action Definition.” This business logic is executed by the BPM engine when needed.



## User Profiling

The BPM engine requires user authentication. The user must register and then log in with a valid profile to be able to execute processes. In the business process model, you can configure which are the roles involved in the process and assign these roles to the lane of the process.

The screenshot shows a software interface for configuring a role. On the left, there is a "Roles" list with three items: "Employee", "Supervisor", and "Tresurer". The "Supervisor" role is selected. On the right, the "Properties" window for "Supervisor [lane2]" is open, displaying the following configuration:

Id	lane2. [pool1#lane2]	
Name	Supervisor	
Roles	Supervisor	
Save Policy	None	
Leave Policy	Reset	
<b>Distribution Policy</b>		
Policy	Allocate to First User in Lane	
Action Definition		



# BUSINESS PROCESS MODELING



## Generate and Run on Cloud

Get your BPM engine up and running with one click. WebRatio BPM Platform Community Edition lets you generate and Run on Cloud your business processes and make the BPM engine execute them. The BPM engine is deployed on a WebRatio Free Cloud Space.

## Rest API

The BPM engine publishes a Rest API that can be used by Web and Mobile applications to run the business processes. The API also includes a set of administrative methods that can be used only by the business process administrator to manage the processes.

<b>File Services</b>	Show/Hide	List Operations	Expand Operations
<b>History Services</b>	Show/Hide	List Operations	Expand Operations
<b>Process Services</b>	Show/Hide	List Operations	Expand Operations
<b>Task Services</b>	Show/Hide	List Operations	Expand Operations
<b>User Services</b>	Show/Hide	List Operations	Expand Operations
GET	/users/me/processes	Get currently logged user processes	
DELETE	/users/{userId}	Performs a user deletion	
GET	/users/{userId}	Get User	
PUT	/users/{userId}	Performs a user update	
GET	/users/me/tasks	Get currently logged user tasks	
POST	/users/login	Performs a user login	
POST	/users/register	Performs a user registration	
GET	/users/me	Get currently logged User	
PUT	/users/me	Update the caller user	
GET	/users/me/historic-processes	Get currently logged user historic processes	
GET	/users/me/process-definitions	Get currently logged user process definitions	
GET	/users	Get Users	
GET	/roles	Get Roles	



## RELEASE NOTES

WebRatio BPM Platform provides a Web representation of the engine's API, generated by Swagger, which is published on the dedicated URL (<http://<host>:<port>/swagger>). Using this Web interface, you can try the business process execution directly from your Web browser.

**POST** /users/register Performs a user registration

### Parameters

Parameter	Value	Description	Parameter Type	Data Type
body	<pre>{   "username": "user",   "password": "user" }</pre> <p>Parameter content type: <input type="text" value="application/json"/></p>	The user registration data	body	<a href="#">Model</a>   <a href="#">Model Schema</a>

```
{
  "username": "string",
  "password": "string",
  "data": {
    "email": "string",
    "firstName": "string",
    "lastName": "string"
  }
}
```

Click to set as parameter value

### Response Messages

HTTP Status Code	Reason	Response Model	Headers
200			
201	Successful registration	<a href="#">Model</a>   <a href="#">Model Schema</a>	
400	Bad Request		
500	Internal Server Error		

[Try it out!](#)



# WEBRATIO ADD-ONS

## WEBRATIO ADD-ONS

Extend your WebRatio BPM Platform by downloading additional components from the WebRatio Add-ons ([store.webratio.com](http://store.webratio.com)). In addition to sample BPMN projects, you also can install custom components that help you define the workflow model of your business processes: just make a search and install the desired component with a single click.

The screenshot displays the WebRatio Add-ons store interface. At the top, there is a search bar with the text "Enter keywords:" and a "Search" button. To the right, a user is logged in as "Antonella Antico" with links for "Edit Account" and "Logout".

On the left side, there is a "Filters" section with the following categories and counts:

- Types (45)
  - BPMN Project (4)
  - Component (41)
- Tags (98)
  - bpmn (5)
  - cloud (2)
  - graph (1)
  - json (1)
  - login openid (1)
  - maps (4)
  - multimedia (6)
  - operation (23)
  - report (5)
  - sample project (4)
  - social (7)
  - utilities (10)
  - view component (24)
  - widget (1)
  - widgets (4)

The main content area shows a list of add-ons. The first one is "Expense Report" by WebRatio s.r.l., dated Jul 20, 2015. It is Version 1.2 and compatible with 7.2.0 up. The description is "A simple process for managing the expense requests." The "What's new in this version" section mentions "Porting to WebRatio BPM Platform." There are 3 votes, 0 reviews, and 424 downloads. An "Install" button is visible. The category is "BPMN Project".

At the bottom of the page, there are "Search" and "Publish" buttons.

## RELEASE NOTES

### FIXED IN 8.4.5

- In addition to all the other information, the Database JDBC URL string is now available in the Properties tab containing the Free Space Cloud Account information.
- Fixed the behavior for the Refactor > Surround with Group command when launched on elements in a BPMN project. The operation is now properly completed.



## FIXED IN 8.4.2

## FIXED IN 8.4.2

- Solved a problem regarding the GET/File Services method provided in the swagger page of generated BPMN projects. Now image files are properly returned and shown in the Response Body section when the "get/files/download" web service is called.
- The "Service Component" section of the toolbar is now available in the Action Definition view of BPMN projects.
- Fixed the issue causing a generation error in the BPMN project. Now the generation process is successfully completed even if the "Signals" folder is missing.
- Solved a runtime problem that prevented the task claiming in BPMN projects. Now, if a task uses process parameters with the "Max Card." property set to "many", it works properly.

## RELEASE NOTES

### SYSTEM REQUIREMENTS

#### WebRatio Development Platform

##### Operating System

- Microsoft Windows Vista or higher, 64 bit
- Linux, 64 bit
- Mac OSX 10.7 (Lion) or higher, 64 bit

Installing WebRatio Development Platform also requires:

- Disk Space: 600 MB
- RAM: 4 GB minimum, suggested is 8 GB

learn.webratio.com

