

# Flowable

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[flowable.org](https://flowable.org)

Flowable BPMN (v 6.3.0)

**Flowable BPMN (v 6.4.2-SNAPSHOT)**

Flowable BPMN (v 6.5.0-SNAPSHOT)

jar

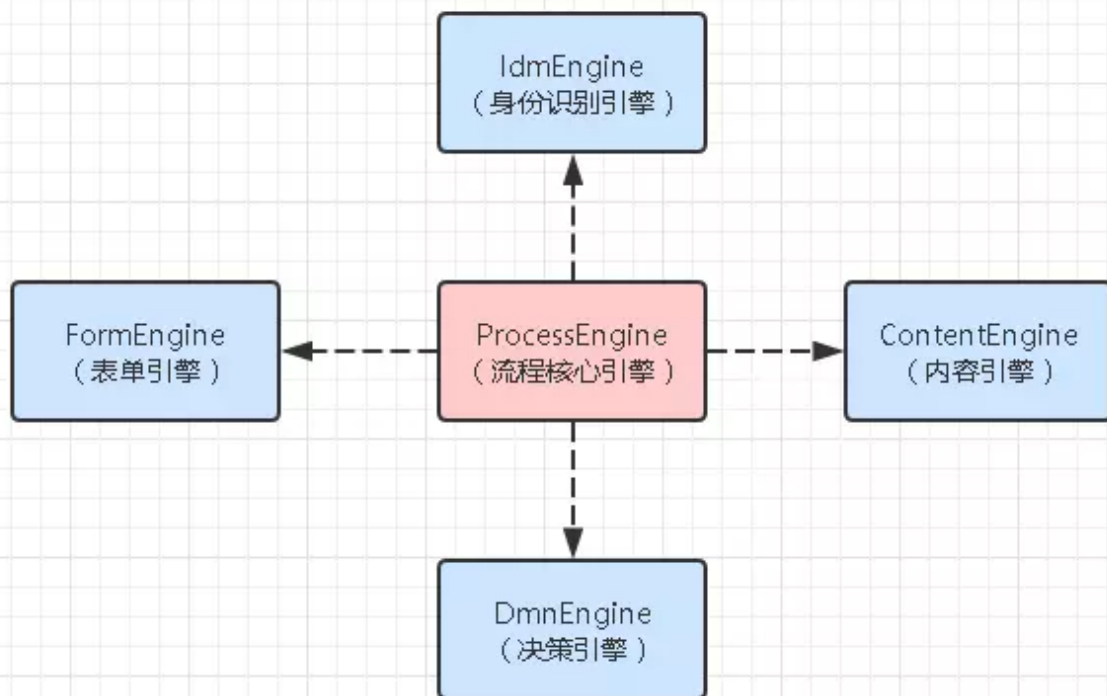
- Flowable Modeler
- Flowable Task
- Flowable IDM
- Flowable REST API API
- Flowable Admin

# Flowable

Flowable

ProcessEngine

Flowable

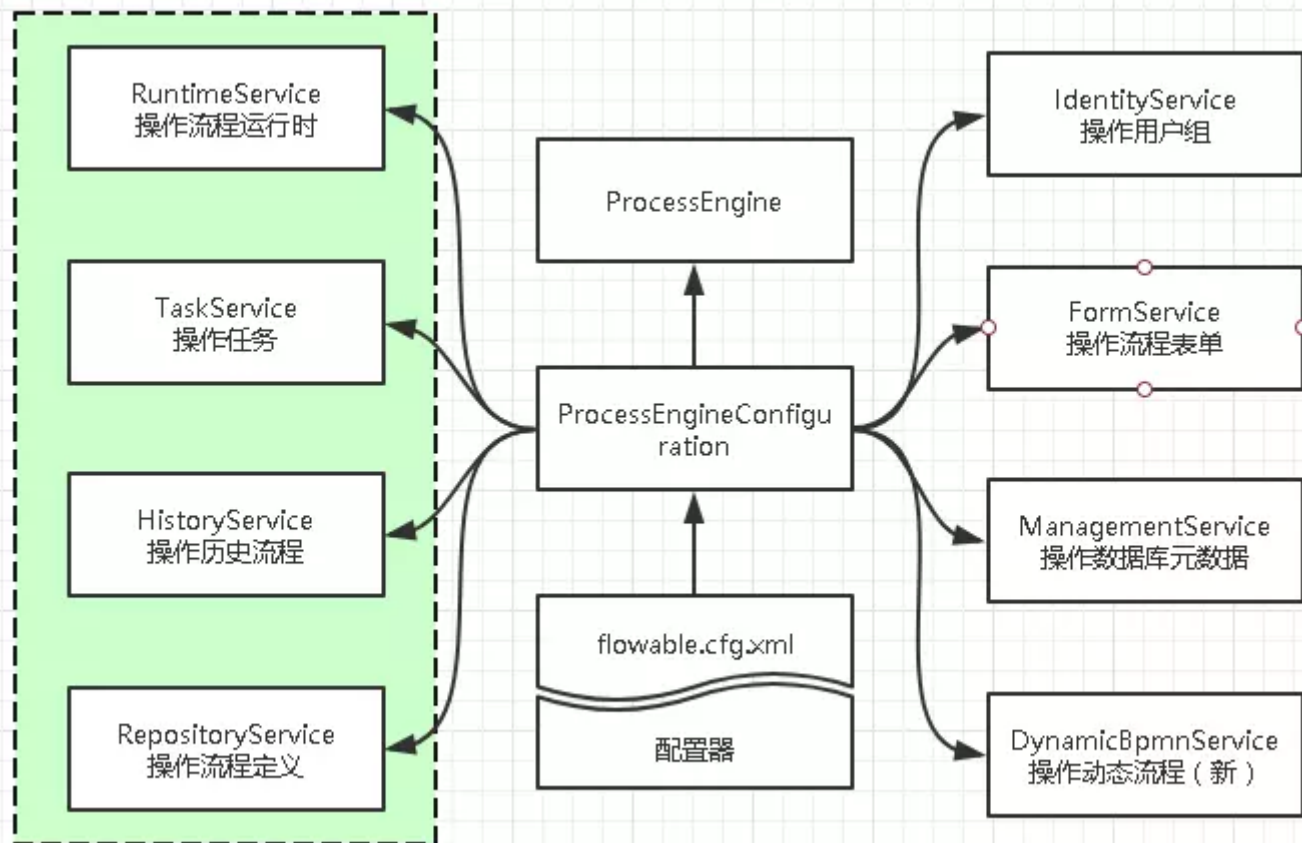


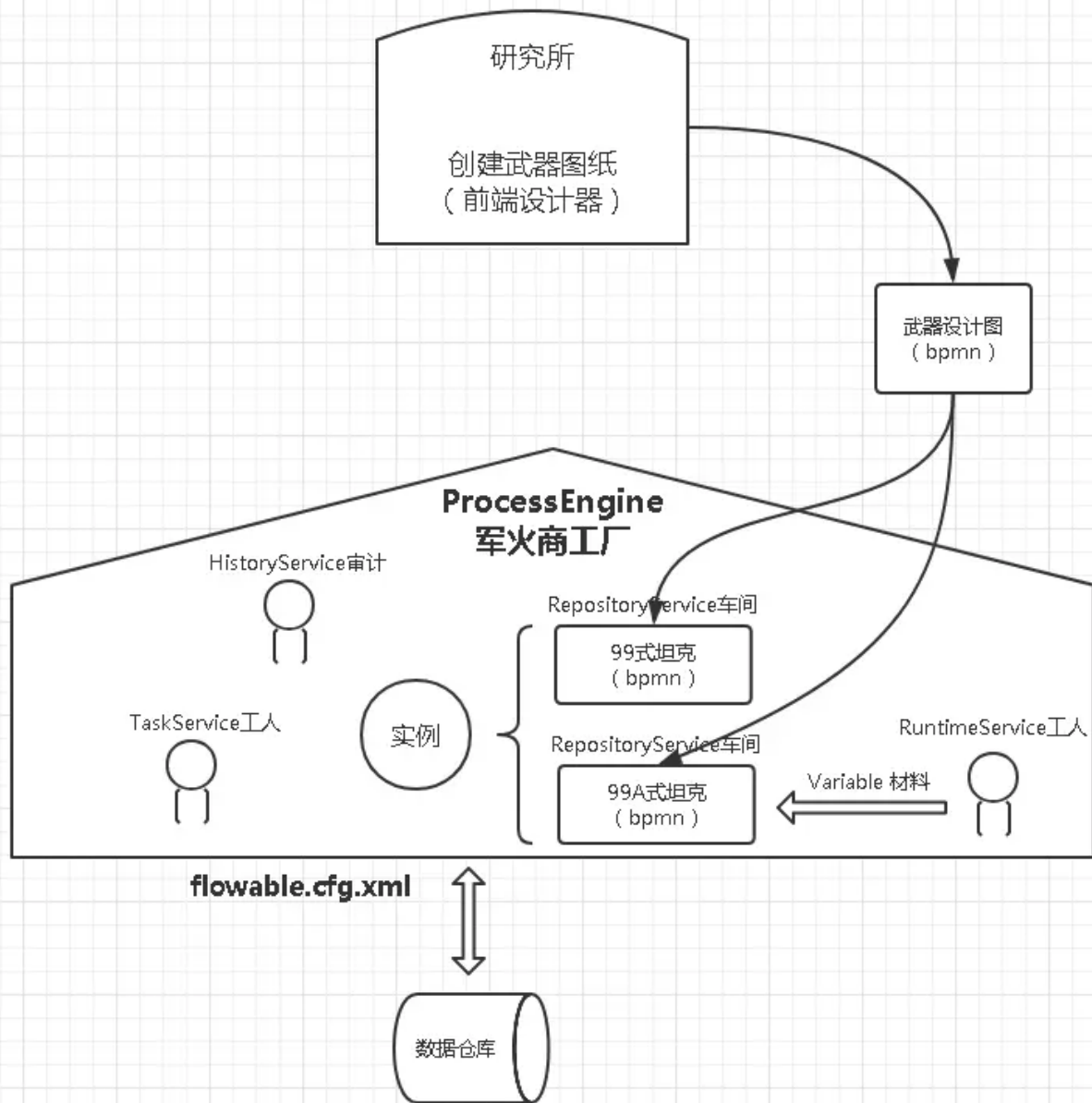
Flowable

ProcessEngine

ProcessEngineConfiguration

1. Spinrg                      flowable.cfg.xml                      ProcessEngineConfiguration                      flowable.cfg.x
2.                      ProcessEngineConfiguration

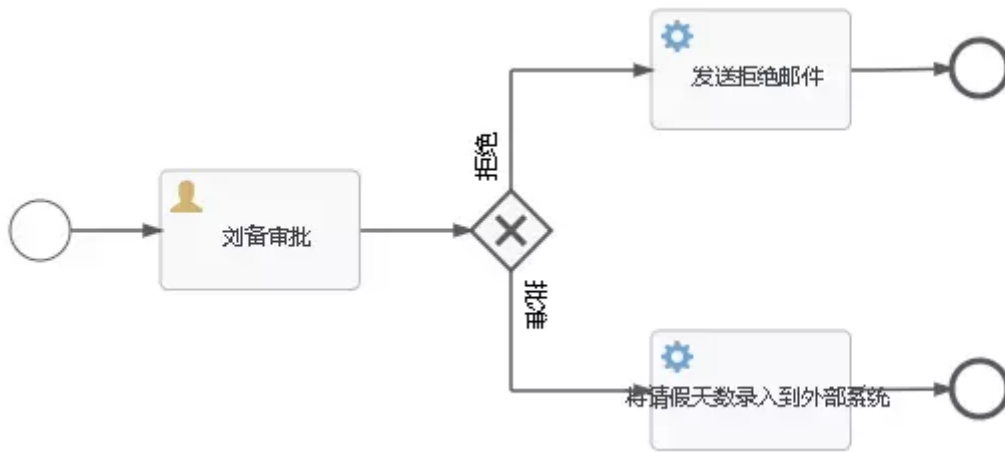




## ProcessEngineConfiguration

1. Bpmn
  1. Task
    - userTask
    - serviceTask
  2. Event
    - timerEventDefinition
  3. Gateway
    - exclusive gateway

2.



- 1 BPMN
- 2 flowable.cfg.xml
- 3 Repository
- 4 Runtime

## Flowable

Flowable

1. Flowable IdmEngine
2. LDAP IdentityService IdentityService
3. IdmIdentityService
4. **id => id id id**
  1. assignee=" id" candidateUsers=" id1 id2"
  2. candidateGroups=": id1 : id2"
  3. candidateGroups=" id1: id2:"
  4. candidateGroups=" id1: : id1"
  - 5.

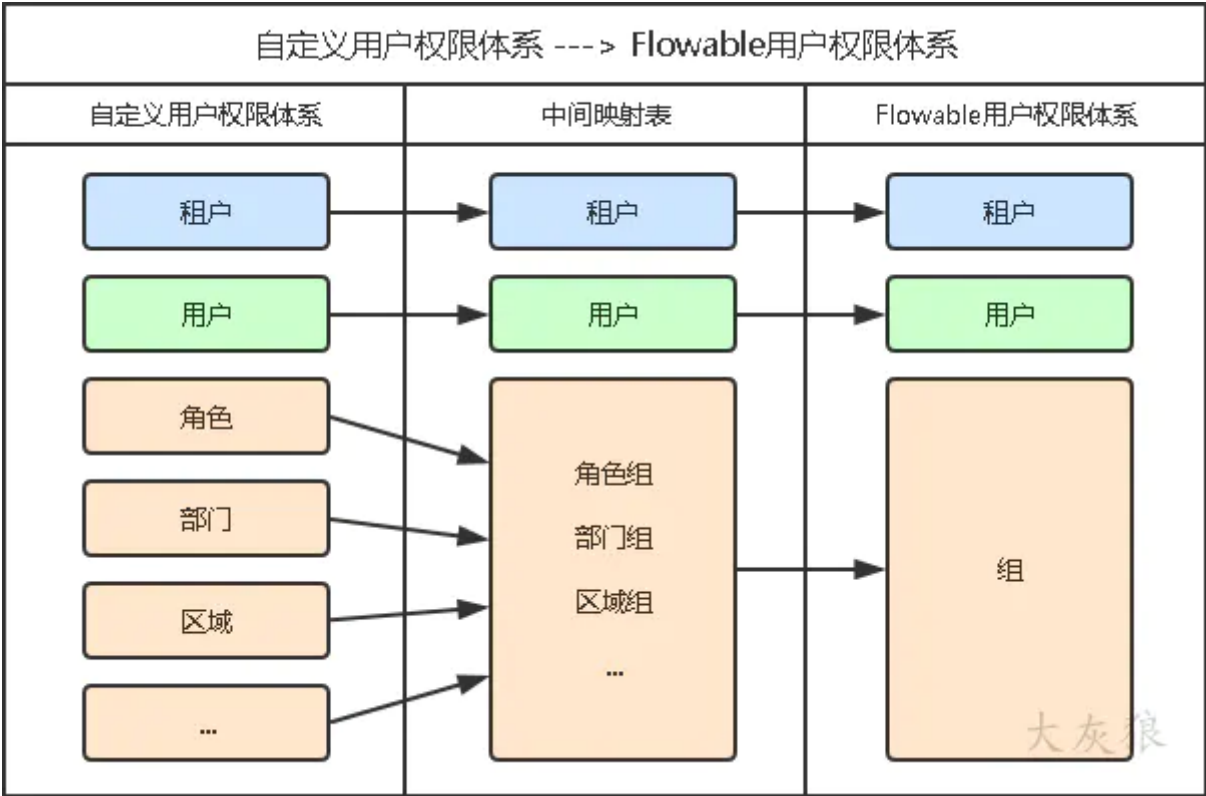
Flowable

Flowable

## Flowable IdmEngine

Flowable IdmEngine

- Flowable IdmEngine IdmIdentityService
- LDAP LDAP IdmIdentityService
- IdmIdentityService



A id 1 - A id 1 - A id 1 - A id 1      A    A      A      A

- id 1
- id R1
- id O1
- id A1

Flowable

- 1
- R1 O1 A1
- bpmn                      UserTaskXMLConverter
- bpmn                      id                      bpmn
- `<userTask id="approveTask" name="       " flowable: assignee="#{idmTest.org(' emp' )}"/>`

idmTest.org                      id

**ACT\_RE\_\*** RE repository

**ACT\_RU\_\*** RU runtime Flowable

**ACT\_HI\_\*** HI history

**ACT\_GE\_\*** general

**ACT\_ID\_\*** Idm

(2)	ACT_GE_BYTEARRAY	
	ACT_GE_PROPERTY	
(8)	ACT_HI_ACTINST	
	ACT_HI_ATTACHMENT	
	ACT_HI_COMMENT	
	ACT_HI_DETAIL	
	ACT_HI_IDENTITYLINK	
	ACT_HI_PROCINST	
	ACT_HI_TASKINST	
	ACT_HI_VARINST	
(9)	ACT_ID_BYTEARRAY	
	ACT_ID_GROUP	
	ACT_ID_INFO	
	ACT_ID_MEMBERSHIP	
	ACT_ID_PRIV	
	ACT_ID_PRIV_MAPPING	
	ACT_ID_PROPERTY	
	ACT_ID_TOKEN	
	ACT_ID_USER	
(3)	ACT_RE_DEPLOYMENT	
	ACT_RE_MODEL	
	ACT_RE_PROCDEF	
(10)	ACT_RU_DEADLETTER_JOB	
	ACT_RU_EVENT_SUBSCR	
	ACT_RU_EXECUTION	

ACT_RU_HISTORY_JOB		
ACT_RU_IDENTITYLINK		
ACT_RU_JOB		
ACT_RU_SUSPENDED_JOB		
ACT_RU_TASK		
ACT_RU_TIMER_JOB		
ACT_RU_VARIABLE		
(2)	ACT_EVT_LOG	
	ACT_PROCDEF_INFO	

**ACT\_HI\_ACTINST**

**ACT\_HI\_TASKINST**

**ACT\_HI\_VARINST**

**ACT\_HI\_PROCINST**

**ACT\_HI\_IDENTITYLINK** | ACT\_RU\_IDENTITYLINK |

**ACT\_RE\_DEPLOYMENT**

**ACT\_RE\_PROCDEF**

**ACT\_RU\_EXECUTION**

**ACT\_RU\_IDENTITYLINK**

**ACT\_RU\_TASK**

**ACT\_RU\_VARIABLE**

**ACT\_GE\_BYTEARRAY**