

Flowable

Flowable

Flowable

flowable.org

Flowable BPMN (v 6.3.0)

Flowable BPMN (v 6.4.2-SNAPSHOT)

Flowable BPMN (v 6.5.0-SNAPSHOT)

jar

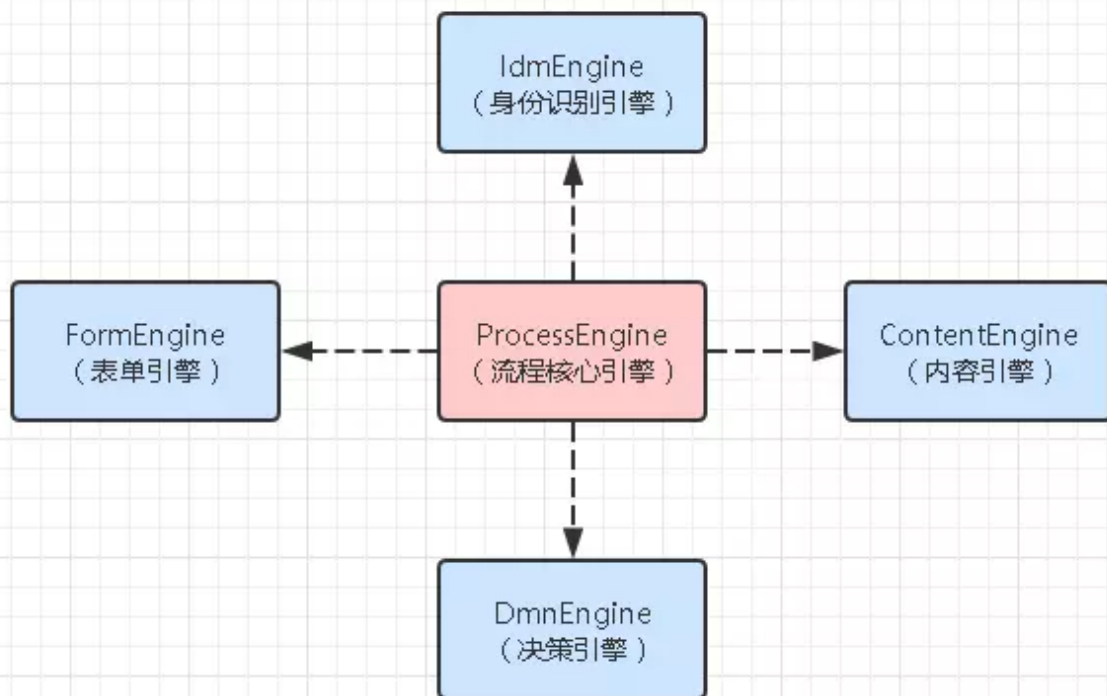
- Flowable Modeler
- Flowable Task
- Flowable IDM
- Flowable REST API API
- Flowable Admin

Flowable

Flowable

ProcessEngine

Flowable

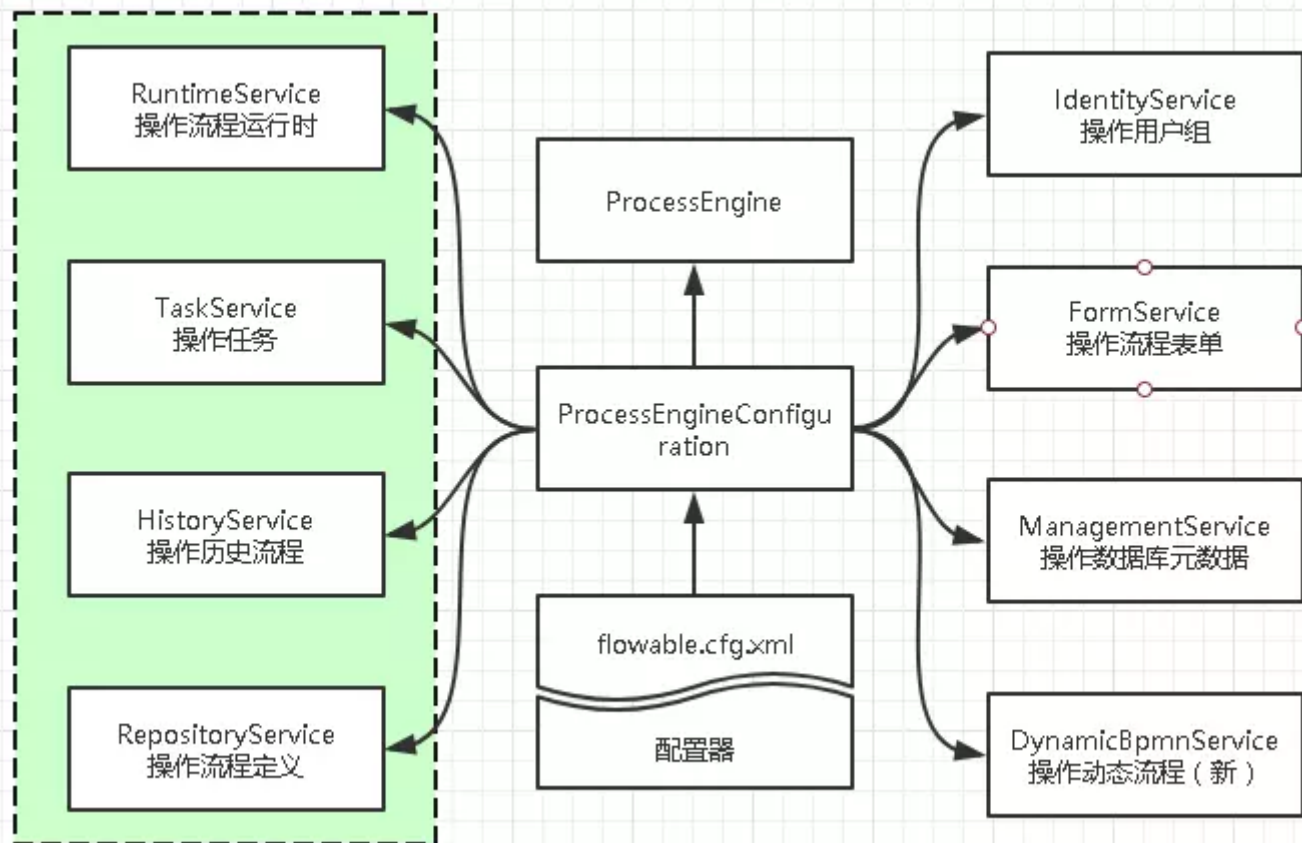


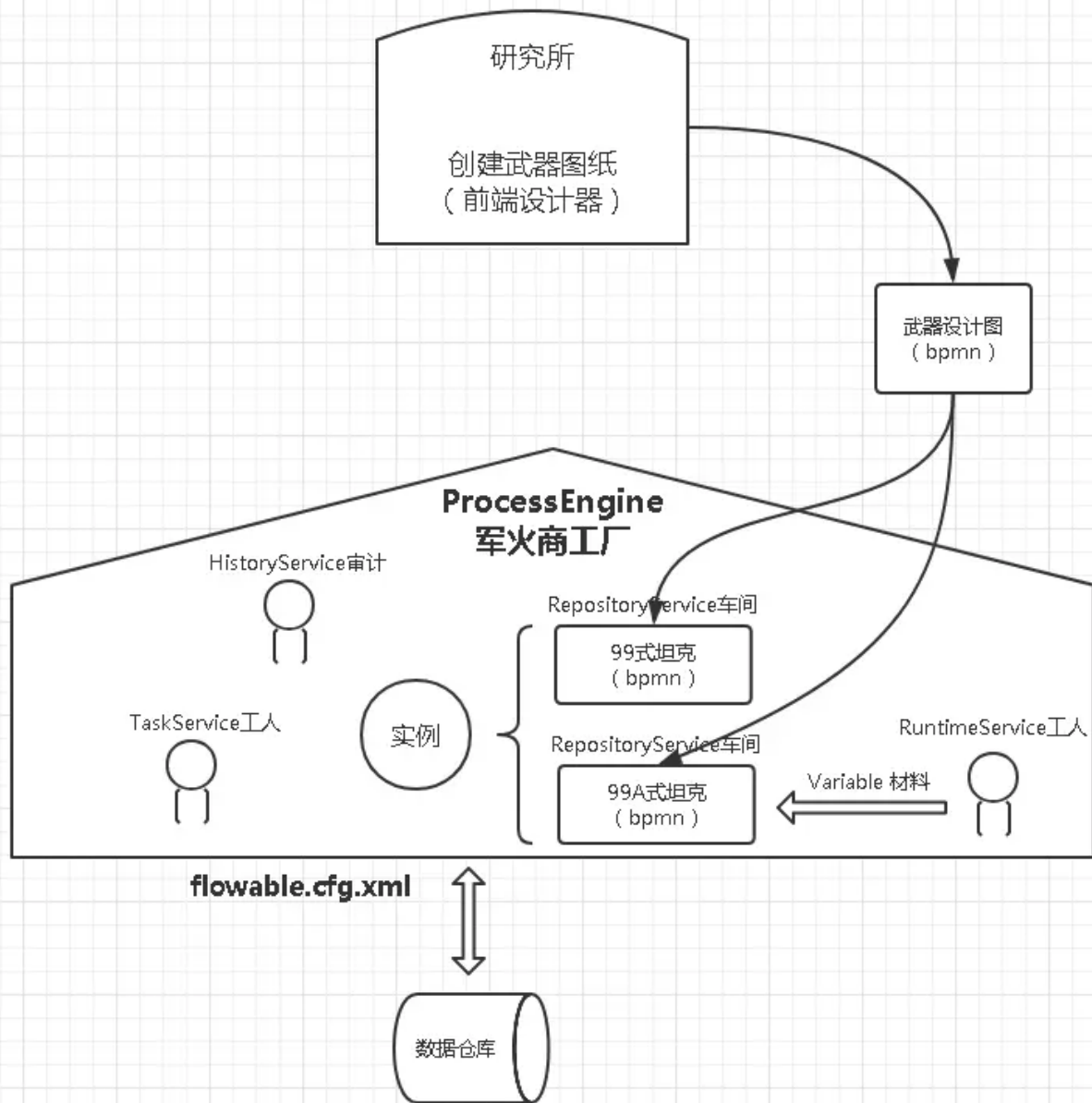
Flowable

ProcessEngine

ProcessEngineConfiguration

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

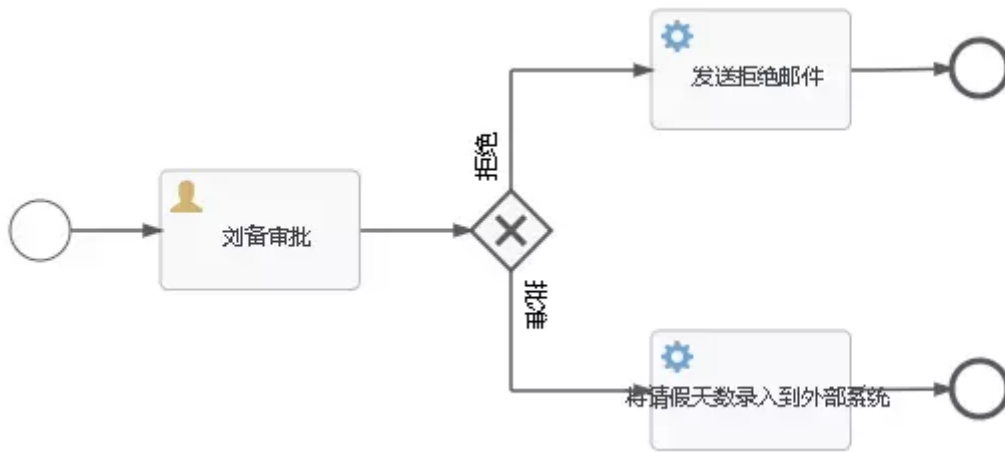




ProcessEngineConfiguration

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

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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.

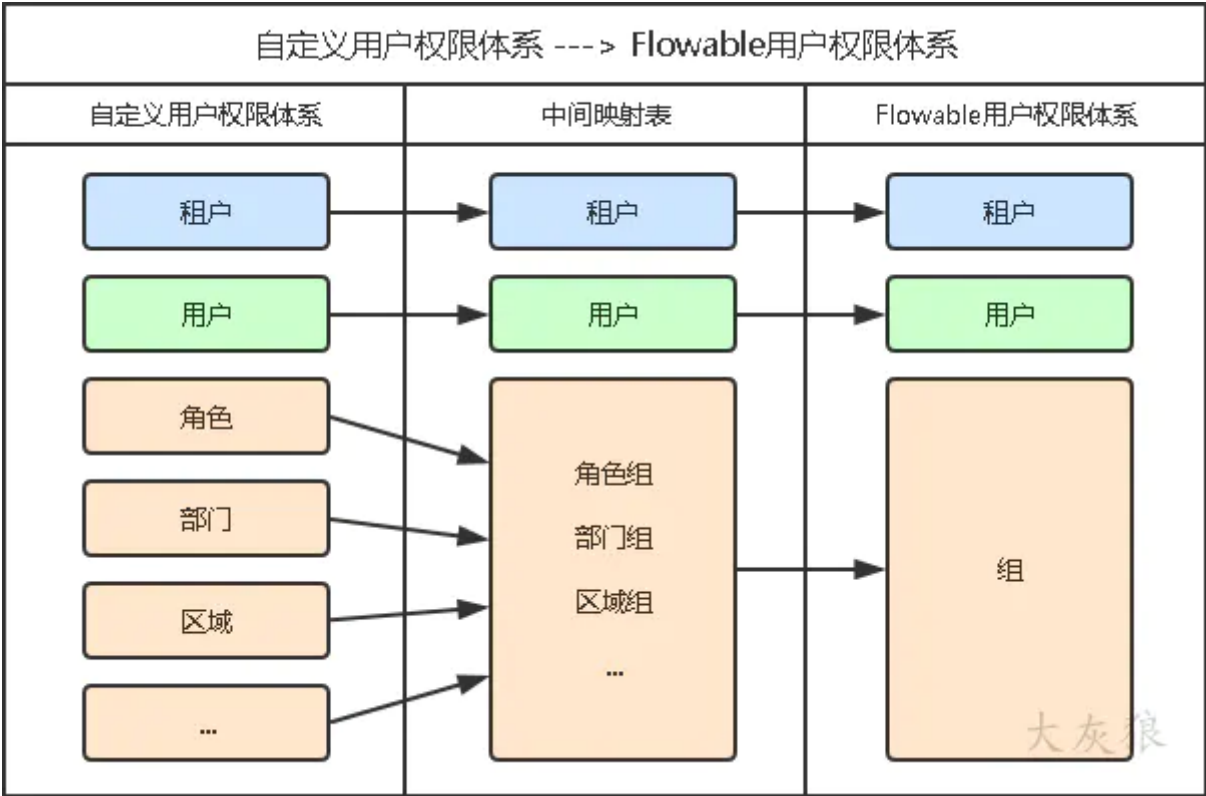
Flowable

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