

布丁豆项目说明

版本	日期	说明	作者
0.1	20171031	init	Lee

Roobo OS是机器人内很多应用组成的一个系统，基于Android系统。以布丁豆为例，有Launcher，Configure，Core，ASR，SystemScene，TTS(TTSIflytek，TTSNuance)核心App以及其它Scene、Service组成。以下内容是布丁豆各个项目的简单分类，详细文档还需慢慢建立。

模块名和类型是在AndroidManifest.xml中定义的，scene和service才需要。
type列代表该项目是Application还是Library:

- A 代表该项目是一个Application
- L 代表该项目是一个Library

App 5个

项目名	type	模块名	类型	路径
Configure	A			/frameworks/Configure
Launcher	A	LAUNCHER		/frameworks/persona/Launcher
Core	A			/frameworks/Core
SystemUpdater	A			/frameworks/SystemUpdater
AppUpdater	A			/frameworks/AppUpdater

Scene 22个

场景，主要在pudding_plus目录下，frameworks目录下也有少量

项目名	type	模块名	类型	路径
FaceRecord	A	Portrait	scene	/pudding_plus/FaceRecord

MainMenu	A	MAINMENU	scene	/pudding_plus/MainMenu
Rhythm	A	RHYTHM	scene	/pudding_plus/Rhythm
Colorfy	A	COLORFY	scene	/pudding_plus/Colorfy
SmartEye	A	SMART_EYE	scene	/pudding_plus/SmartEye
Translator	A	RTTranslator	scene	/pudding_plus/Translator
RKid	A	RKID	scene	/pudding_plus/RKid
LearnCount	A	LEARN_COUNT	scene	/pudding_plus/LearnCount
NoUIScene	A	NOUI	scene	/pudding_plus/NoUIScene
Alarm	A	Clock	scene	/pudding_plus/Alarm
MusicPlayer	A	Media	scene	/pudding_plus/MusicPlayer
StorageCard	A	STORAGE_CARD	scene	/pudding_plus/StorageCard
RooboCamera	A	ROOBOCAMERA	scene	/pudding_plus/RooboCamer
gallery	A	GALLERY	scene	/pudding_plus/gallery
Youkuchild	A	YOUKUCHILD	scene	/pudding_plus/Youkuchild
TaskCenter	A	TASK_CENTER	scene	/pudding_plus/TaskCenter
EnglishChat	A	ENGLISH_CHAT	scene	/pudding_plus/EnglishChat
StudyCenter	A	STUDY_CENTER	scene	/pudding_plus/StudyCenter
VideoTalkService	A	VIDEOTALK	scene	/pudding_plus/VideoTalkSer
UserGuide	A	USER_GUIDE	scene	/pudding_plus/UserGuide
Setup	A	SETUP	scene	/frameworks/Setup
Settings	A	SETTINGS	scene	/frameworks/Settings

Service 10↑

项目名	type	模块名	类型	路径
SystemScene	A	SYSTEM	service	/pudding_plus/SystemScene

ASR	A	ASR	service	/abilities/ASR
TTSNuance	A	TTS_NUANCE	service	/abilities/TTSNuance
TTSIflytek	A	TTS_IFLYTEK	service	/abilities/TTSIflytek
Touch	A	TOUCH	service	/abilities/Touch
LED	A	LED	service	/abilities/LED
Persona	A	PERSONA	service	/frameworks/persona/Persona
MediaPlayer	A	MEDIA_PLAYER	service	/frameworks/MediaPlayer
PushService	A	PUSH_SERVICE	service	/frameworks/PushService
Location	A	LOCATION	service	/frameworks/Location

Library 15↑

项目名	type	模块名	类型	路径
Statistics	L			/pudding_plus/Statistics
BaseLibrary	L			/pudding_plus/BaseLibrary
FaceRegRecLibrary	L			/pudding_plus/FaceRegRecLibrary
FaceScanLibrary	L			/pudding_plus/FaceScanLibrary
FaceRegister	L			/abilities/FaceRegister
FaceRecognize	L			/abilities/FaceRecognize
TTSLib	L			/abilities/TTSLib
ASRLib	L			/abilities/ASRLib
FaceDetect	L			/abilities/FaceDetect
BaseLib	L			/utilities/BaseLib
CrashHandler	L			/utilities/CrashHandler
rml	L			/utilities/rml
RLogCat	L			/utilities/RLogCat

Face	L			/utilities/Face
PersonaLib	L			/frameworks/persona/PersonaLib

SDK 25个

SDK都在interfaces目录下， SceneSDK将其它项目集成起来合成一个完整的SDK

项目名	type	模块名	类型	路径
SceneSDK	L			/interfaces/SceneSDK
ASRInterface	L			/interfaces/ASRInterface
PushLib	L			/interfaces/PushLib
FocusInterface	L			/interfaces/FocusInterface
PersonaPlayerInterface	L			/interfaces/PersonaPlayerInterf
MediaPlayerInterface	L			/interfaces/MediaPlayerInterfac
SceneManagerInterface	L			/interfaces/SceneManagerInter
UpdaterLib	L			/interfaces/UpdaterLib
SceneServiceInterface	L			/interfaces/SceneServiceInterfa
LedInterface	L			/interfaces/LedInterface
AuthorizorInterface	L			/interfaces/AuthorizorInterface
ConfigureInterface	L			/interfaces/ConfigureInterface
PowerManagerInterface	L			/interfaces/PowerManagerInter
TTSSDK	L			/interfaces/TTSSDK
CoreServiceInterface	L			/interfaces/CoreServiceInterfac
CoreCommInterface	L			/interfaces/CoreCommInterface
LocationInterface	L			/interfaces/LocationInterface
SystemSceneInterface	L			/interfaces/SystemSceneInterfa
PushServiceInterface	L			/interfaces/PushServiceInterfac

CameraInterface	L			/interfaces/CameraInterface
MotionSDK	L			/interfaces/MotionSDK
TouchInterface	L			/interfaces/TouchInterface
AlarmManagerInterface	L			/interfaces/AlarmManagerInter
SceneSwitchInterface	L			/interfaces/SceneSwitchInterfa
AudioRecorderInterface	L			/interfaces/AudioRecorderInter