PRIMARY STUDIES CLASSIFICATION		
	Table 0. Dabatia Blatfarm	
Table 2 - Robotic Platform Primary Studies		
no hardware	P2, P4, P5, P8, P10, P11, P12, P16, P17, P18, P23, P28, S02, S04, S06, S07, S08, S10, S13,	
	S14, S15, S17, S19, S21, S22, S24, S27, S30, S31	
	P7, P13, P24, P25, P29, P32, S01, S12, S16, S23	
	P6, P22, S01, S11	
	P20, S09, S28	
	P26, P27	
	S05, S16	
	P29, S28	
Telerob		
Twist	P3	
FPGA	P9	
Flightgoggles		
Parrot	P14	
M4K	P15	
EvoRally	P19	
Ford Hybrid Escape	P21	
Landshark	S18	
Raspberry	S20	
FASTEN	S25	
M3-Neony	P30	
NAO	P31	
Auto-ID	S03	
	Table 3 - ROS Ecosystem Level	
	Primary Studies	
filesystem	P1, P2, P3, P4, P5, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P29, P32, S01, S02, S03, S05, S06, S07, S09, S11, S14, S17, S21, S22, S23, S24, S25, S27, S28, S29, S30, S31	
computation graph	P1, P2, P3, P4, P6, P7, P8, P9, P11, P13, P14, P17, P18, P19, P20, P21, P22, P24, P25, P30, S05, S08, S09, S10, S11, S14, S15, S16, S18, S20, S26	
community	P4, P7, P8, P12, P13, P16, P23, P28, P31, S04, S12, S13, S19	
	Table 4 - Communication Paradigm	
tonio	Primary Studies P1, P2, P3, P6, P7, P8, P9, P11, P13, P17, P18, P19, P20, P21, P22, P24, P25, P26, P30, S01,	
ιορίο	S05, S08, S09, S10, S11, S12, S14, S16, S18, S20, S22, S25, S26, S31	
-	P4, P5, P10, P12, P14, P15, P16, P23, P27, P28, P29, P31, P32, S02, S03, S04, S06, S07, S13, S15, S17, S19, S21, S23, S24, S27, S28, S29, S30	
	P3, P8, P11, P20, P22, P26, P30, S08, S09, S12, S16	
shared memory	P3, S20	
Table 5 - Quality Attribute		
functional suitability	Primary Studies P2, P3, P6, P10, P11, P13, P14, P15, P18, P19, P20, P25, S01, S02, S03, S07, S08, S09, S10, S13, S15, S23, S26, S27, S29	
maintainability	P1, P3, P4, P5, P8, P9, P10, P11, P12, P16, P22, P23, P24, P25, P30, S04, S06, S09, S16, S21, S25	
portability	P1, P8, P12, P14, P16, P18, P19, P21, P23, P24, P25, P30, S03, S11, S13, S14	
. ,		

reliability	P1, P4, P6, P7, P8, P19, S07, S17, S18, S22, S26, S27, S29, S31
compatibility	P1, P3, P8, P11, P14, P15, P16, P21, P23, P24, P25, P29, P30, S02, S14
usability	P1, P8, P12, P13, P16, P17, P24, P31, S06, S13, S17, S19, S21
security	P4, P8, P25, P27, P28, S05, S17, S18, S24
performance efficiency	P26, P32, S12, S20, S28, S30, S31
	Table 6 - Type of Robot
	Primary Studies
Mobile	P1, P3, P4, P6, P7, P13, P15, P18, P19, P20, P21, P22, P24, P25, P26, P29, P30, P31, P32, S01, S05, S09, S10, S11, S12, S16, S22, S23, S25, S26, S29, S31
-	P5, P9, P10, P11, P12, P16, P17, P28, S02, S04, S06, S13, S14, S15, S17, S18, S19, S21, S24, S27, S28
Fixed	P2, P27, S03, S08, S20
airborne	P14, P25, S07, S30
	Table 7 - Cardinality
	Primary Studies
Single	P1, P2, P3, P4, P6, P7, P13, P14, P15, P19, P20, P21, P22, P24, P26, P27, P29, P30, P31, P32, S02, S03, S05, S07, S08, S09, S10, S11, S12, S14, S16, S22, S23, S25, S26, S28, S29, S30
-	P5, P8, P9, P10, P11, P12, P16, P17, P23, P28, S04, S06, S13, S17, S18, S19, S21, S24, S27
Multiple	P18, P25, S01, S02, S15, S20, S31
Table 8 - Application Field	
	Primary Studies
-	P5, P10, P11, P12, P16, P17, P21, P28, S02, S04, S05, S13, S14, S15, S16, S17, S18, S19, S21, S24, S25, S27, S28
Navigation task	P6, P7, P13, P14, P15, P19, P24, P29, P32, S11, S12, S22, S23, S26, S28, S29, S31
	P2, P9, P22, P26, P27, P30, S01, S03, S06, S10
	P8, P23, P27, S08, S20
·	P25, S28, S30
	P21, S25, S28
	P20, P31, S28
	P3, S09
Search and rescue	
Military	
Leader/Follower	
Leader/i ollower	1 10
	Table 9 - ROS Version
	Primary Studies
DOC1	P26, P27, P28, P29, P30, P31, P32, S01, S02, S03, S04, S05, S06, S08, S09, S10, S11, S12,
KOSI	S13, S14, S15, S16, S17, S18, S19, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31
ROS2	P28, S04, S06, S07, S10, S12, S13, S20
	P1, P3, P6, P9, P10, P13, P14, P16, P17, P18, P19, P20, P21, P22, P24, P25
. 101 1 (001) 010 0	, -, -, -, -,,,,,,, -
	Table 10 - Knowledge Area
	Primary Studies
design	P1, P7, P8, P9, P15, P21, P24, P26, P27, S01, S02, S03, S07, S08, S12, S13, S16, S17, S26, S27, S28, S31
quality	P4, P20, P28, P32, S01, S05, S06, S12, S15, S18, S19, S20, S21, S22, S24, S25, S28, S29
	P12, P16, P23, P28, P30, S08, S11, S14, S16, S25, S28
	P1, P2, P3, P6, P7, P11, P18, P19, P20, P24, P25
	P5, P10, P14, P17, P18, P22, P23, S06, S10, S22, S29
	P13, P23, P31, S03, S30
	P5, P7, P11, P24
· · · · · · · · · · · · · · · · · · ·	S07, S18, S19, S23
·	
practice	S03, S13

computing	P14, P29	
Table 11 - Research Strategy		
	Primary Studies	
proposal	P1, P2, P3, P4, P5, P6, P7, P9, P11, P14, P15, P17, P18, P19, P20, P21, P22, P24, P25, P26, P27, P29, S01, S02, S03, S05, S06, S07, S08, S09, S10, S11, S14, S15, S16, S18, S21, S22, S23, S26, S27, S29, S31	
evaluation	P5, P8, P12, P13, P16, P23, P28, P30, P31, P32, S03, S05, S12, S13, S15, S16, S19, S20, S24, S25, S28, S30	
validation	P1, P3, P6, P7, P14, P15, P18, P19, P21, P24, P25, P26, S12	
philosophical	P10, S04, S17	
Table 12 - Research Method		
	Primary Studies	
lab	P13, P15, P25, P26, P27, P29, P32, S01, S02, S06, S09, S11, S12, S19, S20, S23, S24, S26, S27	
simulation	P1, P7, P14, P18, P19, P21, P24, P25, P31, P32, S03, S08, S10, S18, S22, S30, S31	
concept	P2, P4, P6, P9, P10, P11, P17, P20, P22, P30, S07	
deployment	P3, P14, P28, S05, S14, S15, S16, S25, S28, S29	
mining	P5, P8, P12, S04, S12, S13, S17, S21	
Survey	P8, P16, P23	
Interview	P16, P23	
Table 13 - Future Challenges and Limitations		
	Primary Studies	
Multi-language	P2, P11, P14, P15, P17, P20, P22, P27, P29, P31, S01, S08, S09, S10, S11, S13, S15, S16, S20, S24, S25, S29	
Further validation	P1, P4, P10, P11, P13, P21, P24, P25, P26, P29, S03, S07, S11, S17, S20, S21, S26, S28, S30	
Lack of generalization	P1, P7, P13, P16, P30, P32, S03, S06, S10, S12, S13, S14, S16, S17, S28	
Support for complex specification	P2, P11, P22, P25, S01, S05, S09, S14, S22, S23, S26, S28, S29	
Automation	P4, P6, P8, P10, P16, S03, S08, S09, S10, S15, S23	
Performance improvements	P9, P14, P15, P21, P22, S03, S15, S18, S20, S29	
Support for more reference	P8, P20, P23, P28, S05, S15, S17, S21, S26	
Evaluation of quality	P3, P4, P10, S09, S18	
Enable self-adaptation	P18, S23	
Run-time support	P7, P17	
Support for real-time properties	P25	
Machine learning integration	P19	