Technofist

IEEE

Embedded | Software | Mechanical

Academic

Project Guidance & Training Institute

SOFTWARE PROJECT LIST

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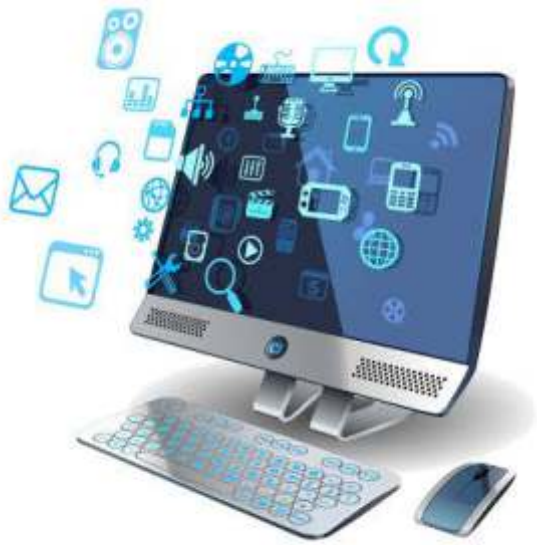
SOFTWARE PROJECT LIST

TECHNOFIST offers academic projects for final year engineering , m-tech and diploma students. With more than 13 years experience, we have developed around **5000 + java** / **Python projects** for computer science and information science engineering students. One of the best institutes to carry out academic projects on IEEE Transactions in bangalore.

We provide training and projects on latest technologies in IEEE Transactions on **Machine Learning,** IEEE Transactions on **Artificial Intelligence** , IEEE Transactions on **DATA Sciences**, IEEE Transactions on **Internet of Things,** IEEE Transactions on **Android** , IEEE Transactions on **Big Data** , IEEE Transactions on **Cloud Computing** , IEEE Transactions on **Networking,** IEEE Transactions on **Image Processing,** IEEE Transactions on **Web Security and also Embedded projects** for Computer science Engineering and Information Science Engineering students.



LIST OF LATEST MACHINE LEARNING PROJECTS:

ML	IEEE PROJECT TITLES ON MACHINE LEARNING
TEML001	3D HUMAN BEHAVIOUR UNDERSTANDING USING GENERALIZE TS-LSTM NETWORKS
TEML002	BLACK BOX TO CONVERSIONAL MACHINE LEARNING: ONDANSETRON REDUCE RISK OF HOSPITAL-ACQUIRED VENOUS THROMBOEMBOLISM
TEML003	A MACHINE LEARNING APPROCH FOR AUTOMATION OF RESUME RECOMMENDATION SYSTEM
TEML004	RISK PREDICTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING ALGORITHMS
TEML005	STOCK PRICE PREDICTION BASED ON MACHINE LEARNING APPROCHES
TEML006	HEART DISEASE PREDICTION USING MACHINE LEARNING
TEML007	COVID-19 MACHINE LEARNING APPROCHES FOR DIAGNOSIS AND TREATMENT
TEML008	AN APPRAISAL ON SPEECH AND EMOTION RECOGNITION TECHNOLOGIES BASED ON MACHINE LEARNING
TEML009	A MACHINE LEARNING BASED APPROACH FOR DETECTION OF ALZHEIMERS DISEASE USING ANALYSIS OF HIPPOCAMPUS REGION FROM MRI SCAN
TEML010	ANALYSIS OF WOMEN SAFETY IN INDIAN CITIES USING MACHINE LEARNING ON TWEETS
TEML011	INTRA CLASS FRUITS AND VEGETABLE RECOGNISATION SYSTEM USING MACHINE LEARNING
TEML012	OBSTACLE-AVOIDANCE ALGORITHM USING MACHINE LEARNING BASED ON RGBD IMAGES AND ROBOT OIENTATION
TEML013	CROP YIELD PREDICTION BASED ON INDIAN AGRICULTURE USING MACHINE LEARNING
TEML014	DESIGNING FOR SERENDIPITY IN A UNIVERSITY COURSE RECOMMENDATION SYSTEM
TEML015	DETECTION OF PHISHING WEBSITES BY SING MACHINE LEARNING BASED ON URL ANALYSIS
TEML016	APPLICABILITY OF MACHINE LEARNING IN SPAM AND PHISHING EMAIL FLTERING: REVIEW AND APPROACHES
TEML017	MACHINE LEARNING APPROACH FOR FLIGHT DEPARTURE DELAY PREDICTION AND ANALYSIS
TEML018	CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING
TEML019	HOUSE PRICE PREDICTION USING MACHINE LEARNING
TEML020	IDENTIFYING BENIFICAL SESSION IN AN E-LEARNING SYSTEM USING MACHINE LEARNING TECHNIQUES
TEML021	SELECTIVE LEARNING CONFUSION CLASS FOR TEXT-BASED CAPTHA RECOGNITION
TEML022	CRIME PREDICTION AND ANALYSIS USING MEACHINE LEARNING

LIST OF LATEST ARTIFICIAL INTELLIGENCE PROJECTS:

AI	IEEE PROJECT TITLES ON ARTIFICIAL INTELLIGENCE
TEAI001	A RECURRENT UNIT APPROACH TO BITCOIN MARKET PRICE PREDICTION
TEAI002	LEAF RECOGNITION BASED ON ELLIPTICAL HALF GABOR AND MAXIMUM GAP LOCAL LINE DIRECTION PATTERN
TEAI003	A SECURE AI-DRIVEN ARCHITECTURE FOR AUTOMATED INSURANCE SYSTEMS: FRAUD DETECTION AND RISK MEASUREMENT
TEAI004	WEAKLY SUPERVISED LEARNING FOR RAINDROP REMOVAL ON A SINGLE IMAGE
TEAI005	IDENTIFYING BENEFICIAL SESSIONS IN AN E-LEARNING SYSTEM USING MACHINE LEARNING TECHNIQUES
TEAI006	EARTHQUAKE PREDICTION BASED ON SPATIO-TEMPORAL DATA MINING:AN LSTM NETWROK APPROACH
TEAI007	DETECTION OF DISEASE IN COTTON LEAF USING ARTIFICAL NEURAL NETWORK
TEAI008	RICETALK:RICE BLAST DETECTION USING INTERNET OF THINGS AND ARTIFICAL INTELLIGENCE TECHNOLOGIES

LIST OF LATEST JAVA PROJECTS:

JAVA	IEEE PROJECT TITLES ON JAVA
TEJAVA001	GRAPHICAL PASSWORD TO AVOID SHOULDER-SURFING
TEJAVA002	HOUSE PRICE PREDICTION USING MACHINE LEARNING ALGORITHMS
TEJAVA003	LIGHTWEIGHT CLOUD STORAGE AUDITING WITH DEDUPLICATION SUPPORTING STRONG PRIVACY PROTECTION
TEJAVA004	IDENTITY BASED ENCRYPTION WITH OUTSOURCED USER REVOCATION IN CLOUD COMPUTING
TEJAVA005	FAKE PRODUCT REVIEW MONITORING SYSTEM
TEJAVA006	COST MINIMIZATION ALGORITHMS FOR DATA CENTER MANAGEMENT
TEJAVA007	ATTRIBUTE-BASED STORAGE SUPPORTING SECURE DEDUPLICATION OF ENCRPTED DATA IN CLOUD
TEJAVA008	EFFICIENT RESOURCE CONSTRAINED SHEDULING USING PARALLEL TWO-PHASE BRANCH-AND-BOUND HEURISTICS
TEJAVA009	MULTI-PARTY SECRET KEY AGREEMENT OVER STATE-DEPENDENT WIRELESS BROADCAST CHANNELS
TEJAVA010	SOMEONE IN YOUR CONTACT LIST:CUED RECALL-BASED TEXTUAL PASSWORDS
TEJAVA011	AUTHORSHIP ATTRIBUTION FOR SOCIAL MEDIA FORENSICS
TEJAVA012	REVERSEBLE DATA HIDING IN ENCRPTED IMAGES USING INTERPOLATION-BASED DISTRIBUTED SPACE RESERVATION

TML011	READER AND OBJECT DETECTOR FOR BLIND

LIST OF LATEST BLOCKCHAIN PROJECTS:

BC	IEEE PROJECT TITLES ON BLOCKCHAIN
TEBC001	BLOCKCHAIN AND AI-EMPOWERED SOCIAL DISTANCING SCHEME TO COMBAT COVID-19 SITUATIONS
TEBC002	FAKE MEDIA DETECTION BASED ON NATURAL LANGUAGE PROCESSING AND BLOCKCHAIN APPROACHES
TEBC003	BLOCKCHAIN FOR WASTE MANAGEMENT IN SMART CITIES
TEBC004	BLOCKCHAIN TECHNOLOGIES FOR SMART ENERGY SYSTEMS
TEBC005	BLOCKCHAIN-BASED SELF-TELLYING VOTING SYSTEM WITH SOFTWARE UPDATES IN DECENTRALIZED
TEBC006	DECENTRALIZED ACCESS CONTROL FOR IOT BASED ON BLOCKCHAIN AND SMART CONTRACT

LIST OF LATEST PROJECTS ON MACHINE LEARNING USNIG HARDWARE:

ML	MACHINE LEARNING USING HARDWARE BASED PROJECT
TML001	A DEEP LEARNING ALGORITHM FOR DETECTION OF POTASSIUM DEFICIENCY IN A RED GRAPEVINE AND SPRAYING ACTUATION USIG RASPBERRY PI3
TML002	AI BASED PILOT SYSTEM FOR VISUALLY IMPAIRED PEOPLE
TML003	AIR QUALITY MONITORING AND PREDICTION USING MACHINE LEARNING
TML004	AN INTERNET OF THINGS BASED SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSOR FLOW DEEP LEARNING MODEL
TML005	ARTIFICAL INTELLIGENCE AND AUGMENTED REALITY DRIVEN HOME AUTOMATION
TML006	AUTOMATED CROWD MANAGEMENT IN BUS TRANSPORT SERVICE
TML007	AUTOMATED EVALUATION OF COVID-19 RISK FACTORS COUPLED WITH REAL-TIME,INDOOR,PERSONAL LOCALIZATION DATA FOR POTENTIAL DISEASE IDENTIFICATION,PREVENTION AND SMART QUARANTING
TML008	CLOUD BASED FACE AND SPPECH RECOGNITION FOR ACCESS CONTROL APPLICATIONS
TML009	DEVELOPMENT OF A HAND HELD DEVICE FOR AUTOMATIC LICENSE PLATE RECOGNITION
TML010	RASPBERRY PI BASED WEARABLE READER FOR VISUALLY IMPAIRED PEOPLE WITH HAPTIC FEEDBACK

TML012	LOW - COST VISUALLY SERVOED TRACKED VEHICLE
TML013	DEVELOPMENT OF MULTI SECURE ACCESS - SMART SUITCASE SECURITY SYSTEM
TML014	FIRE ALARM SYSTEM FOR SMART CITIES USING EDGE COMPUTING

LIST OF LATEST PROJECTS ON ARTIFICIAL INTELLIGENCE USING HARDWARE:

AI	IEEE LATEST PROJECTS ON IOT WITH ARTIFICIAL INTELLIGENCE
TAI001	FABRICATION OF AGRIBOT WITH CROP PREDICTION USING MACHINE LEARNING
TAI002	DESIGNING OF AN AUTOMATED SYSTEM FOR IDENTIFICATION AND RECKONING OF LIVESTOCK
TAI003	MULTIAGENT ARCHITECTURE FOR BRIDGE CAPACITY MEASUREMENT SYSTEM USING WIRELESS SENSOR NETWORK AND WEIGHT IN MOTION
TAI004	ANALYSIS AND PREDICTION OF AIR QUALITY MONITORING SYSTEM USING MACHINE LEARNING
TAI005	INFANT CARE ASSISTANT USING MACHINE LEARNING, AUDIO PROCESSING , IMAGE PROCESSING, AND IOT SENSOR NETWORK
TAI006	AN INTERNET OF THINGS (IOT) BASED SMART WASTE MANAGEMENT AND MONITORING SYSTEM
TAI007	A WIRELESS SENSOR NETWORK BASED LOW COST AND ENERGY EFFICIENT FRAME WORK FOR PRECISION AGRICULTURE
TAI008	IOT BASED TRAFFIC SIGN DETECTION AND VIOLATION CONTROL
TAI009	FABRICATION OF AGRIBOT WITH GREEN LEAF DISEASE DETECTION SYSTEM
TAI010	EFFICIENT CROP YIELD PREDICTION SYSTEM USING MACHINE LEARNING
TAI011	RTO SURVAILANCE SYSTEM WITH INTELLIGENT AMBULANCE DETECTION AND BLIND SPOT TRAFFIC LIGHT DETECTION
TAI012	AN INTERNET OF THINGS (IOT) BASED SMART CITY MANAGEMENT
TAI013	THE PROSPECTIVITY OF BIOSENSING IN ENVIRONMENTAL MONITORING FOR BIOSECURITY
TAI014	IDENTIFICATION AND RECKONING OF LIVESTOCK FOR CATTLE FARMING USING IOT
TAI015	AUTOMATED SURVEILLANCE ROBOT FOR HIGH ALTITUDE REGIONS
TAI016	IMAGE PROCESSING BASED POTHOLE DETECTING SYSTEM FOR DRIVING ENVIRONMENT

TAI017	HEART DISEASE PREDICTION USING IOT AND ML BASED HEALTH MONITORING SYSTEM
TAI018	MONITORING AND MAINTENANCE OF HIGHWAY BRIDGES USING WIRELESS SENSOR NETWORKS
TAI019	MYRIO BASED MOBILE ROBOT FOR RESCUE COMPETITIONS
TAI020	BIOMETRIC BASED SECURED REMOTE ELECTRONIC VOTING SYSTEM
TAI021	INTERNET OF THINGS(IOT) FOR BANK LOCKER SECURITY SYSTEM
TAI022	24X7 SMART IOT BASED INTEGRATED HOME SECURITY SYSTEM

LIST OF LATEST IOT USING HARDWARE PROJECTS

IW	IEEE TRANSCATIONS ON IOT-INTERNET OF THINGS / WIFI/LIFI BASED PROJECT TITLES
TIW001	24*7 SMART IOT BASED INTEGRATED HOME SECURITY SYSTEM
TIW002	A REVIEW ON SMART IOT BASED GESTURE CONTROLLED GRASS CUTTING VEHICLE
TIW003	AN INTERNET OF THINGS BASED SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSERFLOW DEEP LEARNING MODEL
TIW004	CNN IOT BASED TRAFFIC SIGN DETECTION AND VIOLATION CONTROL
TIW005	DESIGN AND IMPLEMENTATION OF REAL TIME MONITORING OF BRIDGE USING WIRELESS TECHNOLOGY
TIW006	DEVELOPMENT OF CONGESTION LEVEL BASED DYNAMIC TRAFFIC MANAGEMENT SYSTEM USING IOT
TIW007	GREEN HOUSE IOT WITH IMAGE INSPECTION ROBOT
TIW008	INFANT CARE ASSISTANT USING MACHINE LEARNING,AUDIO PROCESSING,IMAGE PROCESSING AND IOT SENSOR NETWORK
TIW009	INTERNET OF THINGS FOR BANK LOCKER SECURITY SYSTEM
TIW010	INTERNET OF VEHICLE BASED ACCIDENT DETECTION AND MANAGEMENT TECHNIUES BY USING VANET

LIST OF LATEST DEEP LEARNING PROJECTS USING HARDWARE

DP	IEEE LATEST DEEP LEARNING BASED PROJECT TITLES
TDP001	AN INTERNET OF THINGS BASED SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSORFLOW DEEP LEARNING MODEL
TDP002	TENSORFLOW DEEP LEARNING MODEL AND IOT DRIVEN SMART CITY PROTOTYPE WITH LORA
TDP003	A NEW IOT GATEWAY FOR ARTIFICIAL INTELLIGENCE IN AGRICULTURE
TDP004	DRIVER INATTENTION MONITORING SYSTEM BASED ON THE ORIENTATION OF THE FACE USING CONVOLUTIONAL NEURAL NETWORK
TDP005	REVERSE DISPENSING MACHINE USING DEEP LEARNING
TDP006	DEEP LEARNING BASED ROBOT FOR AUTOMATICALLY PICKING UP GARBAGE
TDP007	AI BASED VOICE ASSISTANT SYSTEM FOR VISUALLY IMPAIRED PERSON

TDP008	REAL TIME FACE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK
TDP009	ARTIFICIAL INTELLIGENCE AND AUGMENTED REALITY DRIVEN HOME AUTOMATION
TDP010	CONVOLUTIONAL NEURAL NETWORK BASED WORKING MODEL OF SELF DRIVING CAR - A STUDY
TDP011	DEEP LEARNING BASED SMART GARBAGE CLASSIFIER FOR EFFECTIVE WASTE MANAGEMENT
TDP012	AI BASED PILOT SYSTEM
TDP013	CONVOLUTIONAL NEURAL NETWORK IOT BASED TRAFFIC SIGN DETECTION AND VIOLATION CONTROL

LIST OF LATEST IMAGE PROCESSING / DEEP LEARNING USING PYTHON

DL	IEEE PROJECT TITLES ON IMAGE PROCESSING / DEEP LEARNING
TEDL001	RICETALK:RICE BLAST DETECTION USING INTERNET OF THINGS AND ARTIFICIAL INTELLIGENCE TECHNOLOGIES
TEDL002	IMAGE ENHANCEMENT WITH THE APPLICATION OF LOCAL AND GLOBAL ENHANCEMENT METHODS
TEDL003	PHISHING WEBSITE DETECTION BASED ON MULTIDIMENSIONAL FEATURSES DRIVEN BY DEEP LEARNING
TEDL004	A REVIEW ON DIAGNOSIS OF NUTRIENT DEFICIENCY SYMPTOMS IN PLANT LEAF IMAGE USING DIGITAL IMAGE PROCESSING
TEDL005	DETECTION OF DISEASE IN COTTON LEAF USING ARTIFICIAL NEURAL NETWORK
TEDL006	LEARNING AFFECTIVE VIDEO FEATURES FOR FACIAL EXPRESSION RECOGNITION VIA HYBRID DEEP LEARNING
TEDL007	DETECTION OF LIVER CANCER USING IMAGE PROCESSING TECHNIQUES
TEDL008	A MACHINE LEARNING BASED APPROACH FOR DETECTION OF ALZHEIMER'S DISEASE USING ANALYSIS
TEDL009	DRIVER DROWSINESS MONITORING SYSTEMUSING VISUAL BEHAVIOR AND MACHINE LEARNING
TEDL010	MACHINE LEARNING ASSESSMENT FOR SEVERITY OF LIVER FIBROSIS FOR CHRONIC HBV BASED ON PHYSICAL-LAYER WITH SERUM MARKERS
TEDL011	CHRONIC KIDNEY DISEASE ANALYSIS USING DATA MINING CLASSIFICATION TECHNIQUES
TEDL012	CAMPARISON OF MACHINE LEARNING METHODS FOR BREST CANCER DIAGNOSIS

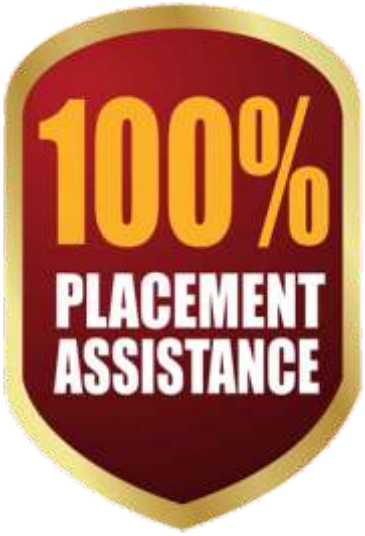
LIST OF LATEST PHP PROJECTS:

PHP	PROJECT TITLES ON PHP
TPHP001	APARTMENT VISITORS MANAGEMENT SYSTEM
TPHP002	BEAUTY PARLOUR MANAGEMENT SYSTEM
TPHP003	BLOOD BANK AND DONAR MANAGEMENT SYSTEM
TPHP004	CAR RENTAL PORTAL
TPHP005	CLIENT MANAGEMENT SYSTEM
TPHP006	COMPANY VISITORS MANAGEMENT SYSTEM
TPHP007	COMPLAINT MANAGEMENT SYSTEM
TPHP008	CONTACTFORM MANAGEMENT SYSTEM
TPHP009	CURFEW-E-PASS MANAGEMENT SYSTEM
TPHP010	CYBER-CAFÉ MANAGEMENT SYSTEM
TPHP011	DAILY EXPENSE TRACKER MANAGEMENT SYSTEM
TPHP012	DIRECTORY MANAGEMENT SYSTEM
TPHP013	EMPLOYEE LEAVE MANAGEMENT SYSTEM
TPHP014	EMPLOYEE RECORD MANAGEMENT SYSTEM
TPHP015	HOSPITAL MANAGEMENT SYSTEM
TPHP016	HOSTEL MANAGEMENT SYSTEM
TPHP017	NEWSPORTAL MANAGEMENT SYSTEM
TPHP018	ONLINE BIRTH CERTIFICATE SYSTEM
TPHP019	ONLINE COURSE REGISTRATION
TPHP020	ONLINE SHOPPING PORTAL
TPHP021	PARK TICKETING MANAGEMENT SYSTEM

CAREER COURSES

- MACHINE LEARNING
- PYTHON APPLIACTION DEVELOPMENT
- ARTIFICIAL INTELLEGENCE
- CORE JAVA
- INTERNET OF THINGS
- EMBEDDED SYSTEMS
- MATLAB / VLSI
- IEEE PROJECTS FOR ALL BRANCHES OF ENGINEERING STUDENTS
- INTERNSHIPS FOR FINAL YEAR STUDENTS

50 HOURS OF TRAINING WITH PLACEMENT ASSISTANCE



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SERVICES

INTERNSHIP ON LIVE PROJECTS FOR ALL BRANCHES OF ENGINEERING STUDENTS

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SOFTWARE
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(ON JOB TRAINING)

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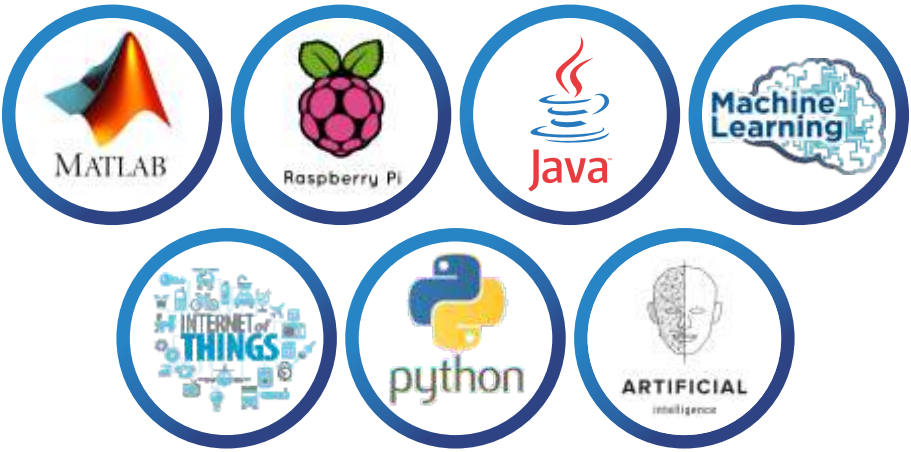

DOORS OF TECHNOLOGY

- IEEE TRANSACTIONS ON EMBEDDED SYSTEMS
- IEEE TRANSACTIONS ON ARTIFICIAL INTELLIGENCE
- IEEE TRANSACTIONS ON MACHINE LEARNING
- IEEE TRANSACTIONS ON ROBOTICS
- WIRELESS COMMUNICATION
- IEEE TRANSACTIONS ON MATLAB / VLSI
- IEEE TRANSACTIONS ON JAVA
- IEEE TRANSACTIONS ON PYTHON
- IEEE TRANSACTIONS ON INTERNET OF THINGS
- MECHANICAL FABRICATIONS

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