

Manus-Notion Sync Framework - Quick Reference

Essential Commands and Troubleshooting

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Quick Start Commands

Initial Setup

Bash

```
# Extract package
tar -xzf MANUS_NOTION_SYNC_FRAMEWORK_v1.0.tar.gz
cd AI-Trading-Platform/

# Install dependencies
pip3 install --user watchdog notion-client pyyaml websocket-client

# Setup configuration
python3 notion_sync.py --setup
```

Daily Operations

Bash

```
# Start sync system
python3 sync/integrated_sync.py

# Check status
python3 sync/integrated_sync.py --status

# Manual sync
python3 notion_sync.py --sync-once
```

```
# Stop system (Ctrl+C or)
pkill -f integrated_sync.py
```

Directory Structure

Plain Text

```
AI-Trading-Platform/
├─ docs/           # Documentation & specs
├─ tasks/          # Project management
├─ assets/         # Media & diagrams
├─ presentations/  # Investor decks
├─ reports/        # Analysis & status
├─ sync/           # System files
├─ backups/        # Auto backups
└─ scripts/        # Utilities
```

Configuration Quick Edit

Essential Settings (`sync_config.yaml`)

YAML

```
# Notion Integration
notion_token: "secret_your_token_here"
notion_parent_page_id: "your_page_id_here"

# Manus Integration (Optional)
manus_api_endpoint: "https://api.manus.space"
manus_api_key: "your_manus_api_key_here"

# Sync Behavior
sync_interval: 30 # seconds
max_file_size_mb: 50
enable_bidirectional: true
```

Status Monitoring

Check System Health

Bash

```
# Overall status
python3 sync/integrated_sync.py --status

# Notion sync status
python3 notion_sync.py --status

# View logs
tail -f sync.log
tail -f integrated_sync.log
```

Key Metrics to Monitor

- **Files synced:** Should increase regularly
 - **Error count:** Should remain low
 - **Last sync time:** Should be recent
 - **Notion pages:** Should match local files
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Common Operations

Add New Content

1. Create file in appropriate directory:
 - `docs/` for documentation
 - `tasks/` for project management
 - `assets/` for media files
 - `presentations/` for decks

2. File automatically syncs within 30 seconds
3. Check Notion workspace for updates

Exclude Files from Sync

Add patterns to `sync_config.yaml` :

YAML

```
excluded_patterns:  
  - "*.tmp"  
  - "*.log"  
  - "private_*"  
  - ".env"
```

Force Full Resync

Bash

```
# Backup current state  
cp sync_state.json sync_state.json.backup  
  
# Clear state and resync  
rm sync_state.json  
python3 notion_sync.py --sync-once
```



Troubleshooting

Sync Not Working

1. Check credentials:
2. Verify network connectivity:
3. Check file permissions:

Authentication Errors

- **Notion:** Regenerate integration token
- **Manus:** Contact team for new API key
- **Permissions:** Ensure pages are shared with integration

Performance Issues

1. **Reduce batch size:**
2. **Check file sizes:**
3. **Monitor system resources:**

File Conflicts

1. **Check conflict logs:**
2. **Manual resolution:**
 - Review conflicting files
 - Choose preferred version
 - Update sync state if needed



Log Analysis

Important Log Files

- `sync.log` - Main sync operations
- `integrated_sync.log` - System-wide events
- `audit.log` - Security and access events
- `sync_metrics.json` - Performance data

Useful Log Commands

Bash

```
# Recent errors
grep ERROR sync.log | tail -10

# Sync statistics
grep "synced" sync.log | wc -l

# Performance metrics
cat sync_metrics.json | python3 -m json.tool

# Real-time monitoring
tail -f sync.log | grep -E "(ERROR|WARNING|synced)"
```

Advanced Operations

Backup and Restore

Bash

```
# Create backup
tar -czf sync_backup_$(date +%Y%m%d).tar.gz \
    sync_state.json sync_config.yaml backups/

# Restore from backup
tar -xzf sync_backup_YYYYMMDD.tar.gz
```

Performance Tuning

Bash

```
# Test sync performance
time python3 notion_sync.py --sync-once

# Monitor resource usage
iostat -x 1 10 # Disk I/O
netstat -i     # Network stats
```

Debug Mode

YAML

```
# In sync_config.yaml
development:
  enable_debug_mode: true
  dry_run: true # Test without actual sync

advanced:
  log_level: "DEBUG"
```

Security Checklist

Daily Security Tasks

- ☐ Check access logs for anomalies
- ☐ Verify API token validity
- ☐ Review file permissions
- ☐ Monitor sync error patterns

Weekly Security Tasks

- ☐ Rotate API credentials
- ☐ Review access control settings
- ☐ Audit sync operations
- ☐ Update exclusion patterns

Security Commands

Bash

```
# Check file permissions
find . -type f -perm /o+w
```

```
# Review access logs
grep "access" audit.log | tail -20

# Verify encryption
grep "encrypt" sync_config.yaml
```

Emergency Procedures

System Down

1. Stop all sync processes:
2. Check system status:
3. Restart with debug:

Data Loss Prevention

1. Immediate backup:
2. Check recent changes:
3. Restore from backup if needed:

Contact Information

- **Manus AI Team:** [Contact details to be provided]
 - **System Administrator:** [Your admin contact]
 - **Emergency Escalation:** [Emergency contact]
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Maintenance Schedule

Daily (Automated)

- Sync operations monitoring
- Error log review
- Performance metrics collection
- Backup verification

Weekly (Manual)

- Configuration review
- Security audit
- Performance optimization
- Documentation updates

Monthly (Scheduled)

- Full system backup
- Credential rotation
- Capacity planning
- System updates

Keep this reference handy for quick troubleshooting and daily operations!

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Maintained by: Manus AI Development Team