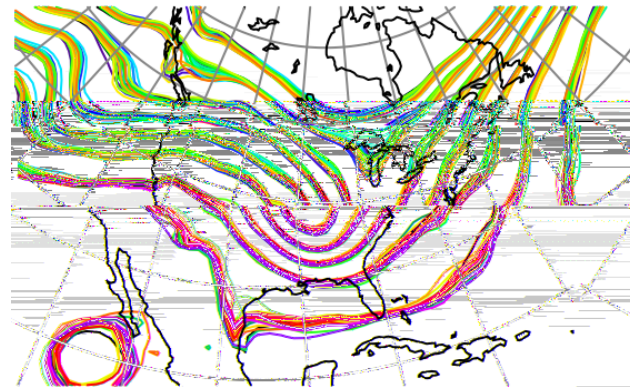


Data  
Assimilation  
Research  
Testbed



## DART Tutorial Section 22: Parallel Algorithm Implementation



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# DART Parallel Algorithm Implementation

This tutorial describes the implementation of the DART parallel algorithm for the Mahabharata text. The algorithm is implemented in C++ and uses the DART library for parallel processing. The implementation is based on the DART library, which is a parallel processing library for C++.

# DART Tutorial Index to Sections

File i g F a O e Va iable S e

The DART Di ec T ee

DART R e C l a d D c e a

H h l d b e a f a a e a iable i a c a b e ed a e a iable

M l a i a e a i i la

C e h e i e F i l e i g T h e N l d e O b e a a d h e J i P h a e S a c e

O h e U d a e f A O b e ed Va iable

S e Addi al L O d e M d e l

Deali g i h S a l i g E

M e Deali g i h E l f l a

Reg e i a d N l i e a E f f e c

C e a g DART E e c a b l e

A d a e l f l a

H i e a c h i c a l G F i l e a d L c a l i a

Q a l i C l

DART E e i e C l a d D e i g

D i a g c O

C e a g O b e a S e e c e

L i P h a e S a c e T h e C h a l l e g e f N K i g h e T h

DART C l i a M d e l a d M a k i g M d e l C l i a

M d e l P a a e e E a

O b e a T e a d O b e i g S e D e i g

P a l l e l A l g i h l l e e a

23. Location module design (not available)

24. Fixed lag smoother (not available)

A i l e D a d e c d e l T a c e D a a A i i l a