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Hewlett-Packard Co. will announce today a software program that allows computers in a network to speed up computing tasks by sending the tasks to each other named:x-c n:x v_to:e-i-p-i time_n:x q:i-h-h n:x n_of:x-i v_ve-i-i-h n:x p:e-u-i q:i-h-h n_of:x-i v_ve-i-i v_ve-i-p-h q:i-h-h n_of:x-i p:e-u-i v:e-i-p-h q:i-h-h n_of:x-i p:e-u
 If a machine has a big computing task , Task Broker asks other computers in the network for "bids " on the job x:e-h-h q:i-h-h n:x v:e-i-i q:i-h-h a:e-p v:e-i-p n_of:x-i _ n_of:x-i _ n=nof:x-i _ n:x _ p:e-u-i q:i-h-h n_of:x-i _ n:x
                                                                                                                                                                                                                                                                                                                           ___and_c
     It then determines which machine is free to do the task most quickly and sends the task to that machine pron:x a:e-e v:e-i-h q:i-h-h n:x _ a:e-i-h _ v:e-i-p q:i-h-h n_cof:x-i superl:e-u a:e-e _ v:e-i-p-h q:i-h-h n_of:x-i p:e-u-i q_dem:i-h-h n:x
     Hewlett-Packard claims that the software allows a network to run three times as many tasks as conventional networks and will run each task twice as fast named:x-c v:e-i-h-i _ q:i-h-h _n:x v:e-i-p q:
  The new Hewlett-Packard program , said analyst John McCarthy at Forrester Research Inc. , a cq:i-h-h a:e-p named:x-c n_of:x-i _ v_to:e-i-h-i n:x named:x-c named:x-c p:e-u-i named:x-c named:x-c named:x-c nx _ q:i-h-h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (ARG2) (ARGI)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             compound com
    In today 's computer networks , some machines often sit idle while others are overtaxed pre-u-i time_n:x _ n:x n_of:x-i _ q:i-h-h n:x a:e-e v:e-i a:e-p x:e-h-h n:x _ v:e-u-p
                                                                                                     , which will be shipped in January 1990 , runs on the Unix operating system ... _ v_cause:e-i-p p:e-u-i mofy:x-c yofc:x-c _ v:e-i p:e-u-i q:i-h-h named:x-c v:e-i-p n_of:x-i _
      Hewlett-Packard will charge $ 5,000 for a license covering 10 users named:x-c _ v:e-i-p n:x card:i-i-c p:e-u-i q:i-h-h n:x v:e-i-p card:i-i-c n_of:x-i
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                                                                                                                                                                                                                                                                                        _____compound
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ns and on computers made by Multiflow Computer Inc. of Branford , named:x-c named:x-c n.xx p:e-x-i named:x-c _
      ____and_c
    Hewlett-Packard said it will sell versions later next year that run on Sun Microsystems Inc. and Digital Equipment Corp. machines named:x-c v_to:e-i-h-i pron:x _ v:e-i-p n_of:x-i a_for:e-i q:i-h-h n:x _ v:e-i p:e-u-i named:x-c named:x-c
The Task Broker differs from other programs that spread computing tasks around a network q:i-h-h named:x-c named:x-c v_from:e-i-i a:e-i n_of:x-i v:e-i-p v:e-i-p v:e-i-p n_of:x-i p:e-u-i q:i-h-h n_of:x-i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ARG2) (BV)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (ARG2) (ARG2) (BY)
      A previously available program called Network Computing System , developed by q:i-h-h p:e-e a:e-p n_of:x-i v_name:e-i-i-i named:x-c named:x-c named:x-c v_cause:e-i-p _
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ARG2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  takes a task and splits it up into parts , divvying up those parts to several computers in a network for simultaneous processing v:e-i-p-u q:i-h-h n_of:x-i _ v_up:e-i-i pron:x _ p:e-u-i n:x _ v:e-i-p p:e-u-i q_dem:i-h-h n:x p:e-u-i a:e-p n:x p:e-u-i q:i-h-h n_of:x-i p:e-u-i a:e-p v:e-i-p
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