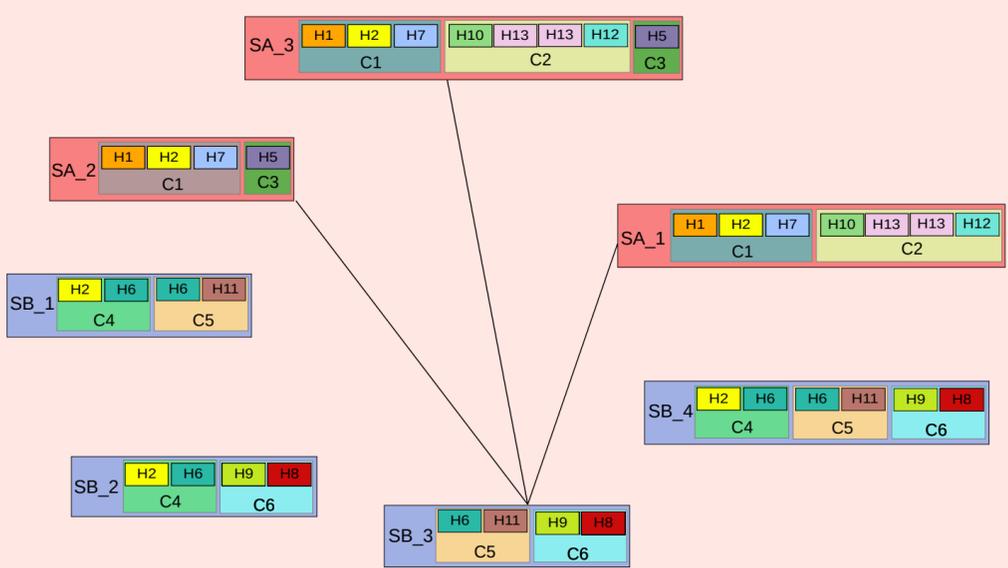


Step 1

Build a graph of Systems
(edges between compatible Systems)



Step 2

Compute the scores of maximal cliques

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|-----|----|-----|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|-------------------|----|----|--|----|--|-------------------|--|-------------------|-----------------------------------------------|
| <table border="1"> <tr><td>SA_3</td><td>H1</td><td>H2</td><td>H7</td><td>H10</td><td>H13</td><td>H13</td><td>H12</td><td>H5</td></tr> <tr><td></td><td>C1</td><td></td><td></td><td>C2</td><td></td><td></td><td></td><td>C3</td></tr> </table> | SA_3 | H1 | H2 | H7 | H10 | H13 | H13 | H12 | H5 | | C1 | | | C2 | | | | C3 | <table border="1"> <tr><td>SB_3</td><td>H6</td><td>H11</td><td>H9</td><td>H8</td></tr> <tr><td></td><td>C5</td><td></td><td>C6</td><td></td></tr> </table> | SB_3 | H6 | H11 | H9 | H8 | | C5 | | C6 | | 4.25 + 3.0 = 7.25 | } best_solution.tsv all_best_solutions.tsv |
| SA_3 | H1 | H2 | H7 | H10 | H13 | H13 | H12 | H5 | | | | | | | | | | | | | | | | | | | | | | | |
| | C1 | | | C2 | | | | C3 | | | | | | | | | | | | | | | | | | | | | | | |
| SB_3 | H6 | H11 | H9 | H8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C5 | | C6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>SA_2</td><td>H1</td><td>H2</td><td>H7</td><td>H5</td></tr> <tr><td></td><td>C1</td><td></td><td></td><td>C3</td></tr> </table> | SA_2 | H1 | H2 | H7 | H5 | | C1 | | | C3 | <table border="1"> <tr><td>SB_3</td><td>H6</td><td>H11</td><td>H9</td><td>H8</td></tr> <tr><td></td><td>C5</td><td></td><td>C6</td><td></td></tr> </table> | SB_3 | H6 | H11 | H9 | H8 | | C5 | | C6 | | 3.25 + 3.0 = 6.25 | | | | | | | | | |
| SA_2 | H1 | H2 | H7 | H5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C1 | | | C3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB_3 | H6 | H11 | H9 | H8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C5 | | C6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>SB_1</td><td>H2</td><td>H6</td><td>H6</td><td>H11</td></tr> <tr><td></td><td>C4</td><td></td><td>C5</td><td></td></tr> </table> | SB_1 | H2 | H6 | H6 | H11 | | C4 | | C5 | | | 2.0 | | | | | | | | | | | | | | | | | | | |
| SB_1 | H2 | H6 | H6 | H11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C4 | | C5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>SB_2</td><td>H2</td><td>H6</td><td>H9</td><td>H8</td></tr> <tr><td></td><td>C4</td><td></td><td>C6</td><td></td></tr> </table> | SB_2 | H2 | H6 | H9 | H8 | | C4 | | C6 | | | 3.5 | | | | | | | | | | | | | | | | | | | |
| SB_2 | H2 | H6 | H9 | H8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C4 | | C6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>SB_3</td><td>H6</td><td>H11</td><td>H9</td><td>H8</td></tr> <tr><td></td><td>C5</td><td></td><td>C6</td><td></td></tr> </table> | SB_3 | H6 | H11 | H9 | H8 | | C5 | | C6 | | <table border="1"> <tr><td>SA_1</td><td>H1</td><td>H2</td><td>H7</td><td>H10</td><td>H13</td><td>H13</td><td>H12</td></tr> <tr><td></td><td>C1</td><td></td><td></td><td>C2</td><td></td><td></td><td></td></tr> </table> | SA_1 | H1 | H2 | H7 | H10 | H13 | H13 | H12 | | C1 | | | C2 | | | | 3.0 + 3.75 = 6.75 | | | |
| SB_3 | H6 | H11 | H9 | H8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C5 | | C6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SA_1 | H1 | H2 | H7 | H10 | H13 | H13 | H12 | | | | | | | | | | | | | | | | | | | | | | | | |
| | C1 | | | C2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>SB_4</td><td>H2</td><td>H6</td><td>H6</td><td>H11</td><td>H9</td><td>H8</td></tr> <tr><td></td><td>C4</td><td></td><td>C5</td><td></td><td>C6</td><td></td></tr> </table> | SB_4 | H2 | H6 | H6 | H11 | H9 | H8 | | C4 | | C5 | | C6 | | | 3.5 | | | | | | | | | | | | | | | |
| SB_4 | H2 | H6 | H6 | H11 | H9 | H8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | C4 | | C5 | | C6 | | | | | | | | | | | | | | | | | | | | | | | | | | |