Hello Everyone,

Should have done this a while back but hopefully this will be helpful to everyone. This is meant for anyone who has bought or is interested in buying my old pre Houdini 15 trainings to adapt them to the latest version.

Also forgive the AWESOME cover art :P

[https://www.youtube.com/watch?v=4Yzso\_vZGGQ](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSn4O1ymraZHqDksjv6XmDHyRW6FPPCdRfo6UTrQwzsR89p5mJDGdIZAyiC5-2F5nXPdA-3D-3Dt1XT_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8bKCRm7d-2FnTfXs1T2IMiVBwTsMNw0Qzq4PrKmCsUdibUPIi-2FNxVGgdppgIA-2BZO0JWo9WUVRk-2FeEIki5tCadLiMRDj1eENDH9ZOdVChFrsWuyRIfM-2FikFb14R9wjFHvmMQf3nnzuK-2BQOhlypmRQ1lj6MGGIbLFROADeDoPzOcrzR6xr-2FkRFs8MbPE1Y5Xt6UdPSnr8Fbn4g8HhO27DZ-2B6rpuAM9g9ibcj3XugwjEhzMGPEYd3Fpju3LHf9NtwWGC6RGF3iPPvokJuWoFnahge7idQ53cRRjzEyIDyiYODh488-3D)

Go to the 38 min mark for an update to the Ornamental Designs training.

A few other videos you should watch that will also help with my older trainings

Copy stamp and foreach1 (To adapt copy stamping to the new for-each method)

[https://www.youtube.com/watch?v=F87-7bAQgOU](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSn4O1ymraZHqDksjv6XmDHyKhbxyTppm1SSYNhn3qoPJY5uuO6hHAQ7XD1jCM2FqiQ-3D-3DJFiA_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8FrgOme6yg6CnYIGxd2iuepnKuFDL-2BxGlpI0Jw35RkdGemsIP1ZPFCsX19dM3FnhKp7cXy7PFeWLp6Yfjb6dpKs6qbPLTGZRo1U32xi9O3BmsjkuslC9GrrsnTkOsfl8YF6phEo0b5bVPIzlYGZbkxw20op9LxoDshz5acSaQ-2F0HOkuOvcLXxMBs66Sf-2F6IHbTTCSFIXDwL5-2BnlSpY08zIRGsp9TvJMPSut4s7TcI-2FDSTlw7ok5bbq8epjHkfhMK4F0-2B8-2FEH3INBHsuGy6PHI0DEhzQwWVzyYBpeZYISFqRU-3D)

Copy stamp and foreach 2

[https://www.youtube.com/watch?v=Ka-f3vdX4yg&t](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSn4O1ymraZHqDksjv6XmDHwARtwQQr-2Fulhks-2BJXgcY2bFxoN6nwy8j4CUZ6Fip77qg-3D-3DA7Yj_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8yRo-2FkbmaujlDpzkhV9FYU1Wsr4bXL-2BCEsXHlLcdAKiIG1vqtxfIZy8QyegpDDJ-2Bubux57AixL3FWfWcypD3EBhJ3Thy1Pv6-2BErnKWrppYgsYKcBM0ZTPfIrkfTqoZitauu-2Bt2OCNuzDI80oatxgUS9EK46Bprunjwq8WhB83upxP-2Bu38gtUV-2Bm5ewQXOIYGJ-2FtdR-2BvO6BxQrAzcNyUgfb9SFH-2FKoB7hOkLJ5a-2FDUEnzSHC59diNGWnWExCwhYLUJLLiGlGmqUeAS5JfEFYJr7-2FI-2BAqL-2Bx5LI8QnNlHWaIXY-3D)

Houdini 17 Erosion (Terrain training update)

[https://www.youtube.com/watch?v=klYnXtPx\_zs](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSn4O1ymraZHqDksjv6XmDHxnuQDsXUM9n4vjDdoICu1JxByqGD1zdCGYj3VLYtPlIg-3D-3DV27S_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8O2jaUWUeRJZ0Yjsv9DFmpzYJ5ANdfd86wc0Xw6C-2FsPBKurJxEhI-2BL9BkFfV2itGBZiMXFmIvP7tk-2FdNgmf-2FqWkNBaA8EO9NCOy1d1YgoaoHk-2Bu-2B1jHe3QcPqVOe651GEMTMqmXH1QedPj7-2FUG-2Fb2rNM2hFQ6-2F2DuNhRF5-2B2JftaIUQQVF-2BwVDrQLQHF9NGkbAdmz38i0H7WNKxUmIQSVVgJNwqxVoZNWgNxz1s2y93zn25cea7lURQXbfBl9ztmxvEUmNwBFHp8iT-2BJu8-2F8-2FhfJCQ13Bm90NVFu2HZXehi0-3D)

Group SOPS (updated in Houdini 16)

[https://vimeo.com/209767952](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSj79opXr5uSZjYJloV7vPke4UdpRdbwGKxW0If8SAIZUtECI_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8SevJ5DdHDbD-2FGTZBVp0awFZjvWRA-2FS1-2FcLAJtJ9ilhZeA-2Bn6JYqapZZvtcJsRQNYP7-2FxxlpVyspCcp9b8frdz-2FGG-2BedLXj8tEMfY-2FJJLvE3vHNt-2Bvcdbxb0Jy2ruNaxXb5WDs1cpI7d2QW7kFa2rruPGDOofh3hrB-2BqAlux2h2TxWse2ghuymTCjpg3s54B2AsfyutG5jIv0sYM41kr8wVE9KgcBvgleUe-2BYMEcVrpVKDpg5BAnXYGOSrceVNhBqmn-2BepVi-2BFyJ72WJHyrvQrnba2YTYfgYDo0Hkch0ATAc-3D)

New Polyextrude node (introduced in version 15)

[https://vimeo.com/149640497](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSjMAKM9SQSvdONuSoLmdpbAeWnDV0dofEq-2F1CJislH0mBPb-_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8ElWceSC5Lqn1z3ml4u5f7mmVyE4iwvfwcQsxf8oYmeijl74NbBP5oLltAS7Vbq-2F1ej3Onp9L8eqNUu0zr64LXGbvz-2FPrpQFpOYU5G5hvmO7MQIFBuGDeuuL6nWa2CBqai8fnr9Z4vB-2FKUiIdp6mOjqXGHdcqHH87AVpw0tTTvUFLVFgH1jNLx8VhCAbm4PILqpknaDOP1DBXeaArOKUDtUFQ1Twsd3C9RYZg75Fs87z7klkFMPwZ0xSv5R9niWxRGMoWpniuHOuLYGk-2FGfgO3dLU87c0bxoWhg-2Fk6pZrND8-3D)

Intro to vex (To adapt the techniques of the old Point SOP)

[https://vimeo.com/215505507](http://url6652.creators.gumroad.com/ls/click?upn=56j1UXPh1eye3mggAaGeSuVwLQzfp0obdA-2B9NDtwZBs1FWZsJWzCTn0bodNvV-2FJXky8F_GqGbdHptM3xGKdqG-2FCgUKlL-2BqZ3UaL8ynKiUIxPsQH-2BtcFvNKdtFafCekOxnS4OcZ8urngXUedoEbMQUM3I4wF4vE151xS7ZUaD23PD-2FQ5dx4Ztfai-2BAR-2B9qPnHfASsRUHqn411-2Ban1GogS3QxdJeVa3-2BTXcqJzzQR5UNz470UVXSdslHg8GYik5xUUter1x-2F2ZQiV4lXzzP4N7rJDJzT-2BL-2BSqzCxDQOdmffk-2FocPfqtbwHhAAYCEsakAGwr2jn8jXK-2BQDH-2F6jFWhRZrZNsCYNWifWyX99ScZ7x9Z1LtP5DbgIf2nbOreBiXi5IMX5QuuD1YjijeKGWvTLb-2BkWX8OrOfLl73LH3q7E-2FBW0HmHtwZCcPUS5um8PaRUD1SeM6BbRtv3k7qxrzs6D-2BSqJJm-2FKJPuWWwIgGR9Wknvxm-2FYrp-2B1TbQfFsFK4niOcZh57imFdDfnpp9-2BD81GlPdDF4Mq8ztAZ-2Be5TOI9k3NvBIkcr2O3kLBOgvz6KOiRBN5y53lLE0pd2c2O1GY3TNHCfyB0mQXHvrybHmMJy1e1DsYfF0-3D)

New attribute nodes in Houdini 18.5

<https://www.youtube.com/watch?v=EnFPX-T_T1g>

Stay Safe

Rohan